GeoVision inc
The Vision of Security

GV-Mount Accessories

Installation Guide

Before attempting to connect or operate this product,
please read these instructions carefully and save this manual for future use.

MT-A

© 2012 GeoVision, Inc. All rights reserved.
Under the copyright laws, this manual may not be copied, in whole or in part, without the written consent of GeoVision.

Every effort has been made to ensure that the information in this manual is accurate. GeoVision, Inc. makes no expressed or implied warranty of any kind and assumes no responsibility for errors or omissions. No liability is assumed for incidental or consequential damages arising from the use of the information or products contained herein. Features and specifications are subject to change without notice.

GeoVision, Inc.
9F, No. 246, Sec. 1, Neihu Rd.,
Neihu District, Taipei, Taiwan
Tel: +886-2-8797-8377
Fax: +886-2-8797-8335
http://www.geovision.com.tw

Trademarks used in this manual: *GeoVision*, the *GeoVision* logo and GV series products are trademarks of GeoVision, Inc. *Windows* and *Windows XP* are registered trademarks of Microsoft Corporation.

April 2012

Contents

Installation Overview iii

Required Accessories v

Note for Installing Camera Outdoor vii

1. Introduction 1

1.1 Accessories List 1

1.2 Dimensions 7

1.3 Packing Lists 11

2. Installing the Vandal Proof IP Dome 18

2.1 Assembling the Vandal Proof IP Dome with the dome housing 18

2.2 Straight Tube Box Mount 20

2.3 Straight Tube Mount 24

2.4 L-Shaped Wall Mount 27

2.5 Wall Pendant Mount 30

2.6 Convex Corner Mount 32

2.7 Convex Corner Box Mount 34

2.8 Concave Corner Mount 38

2.9 Pole Mount 40

2.10 Pole Box Mount 42

3. Installing the Fixed IP Dome 45

3.1 Basic Installation 45

3.1.1 Assembling the Fixed IP Dome with the Dome Housing 45

3.1.2 Putting on the Housing Cover 47

3.2 Straight Tube Box Mount 48

3.3 Straight Tube Mount 52

3.4 L-Shaped Wall Mount 55

3.5 Wall Pendant Mount 57

3.6 Convex Corner Mount 59

3.7 Convex Corner Box Mount 61

3.8 Concave Corner Mount 65

3.9 Pole Mount 67

3.10 Pole Box Mount 69

4. Installing the Fisheye Camera 72

4.1 Assembling the Fisheye Camera with the Dome Housing 72

4.2 Straight Tube Box Mount 74

4.3 Straight Tube Mount 78
4.4 Wall Pendant Mount 80
4.5 Tilting Wall Mount 81
4.6 Convex Corner Mount 84
4.7 Convex Corner Box Mount 86
4.8 Concave Corner Mount 89
4.9 Pole Mount 91
4.10 Pole Box Mount 93

Installation Overview

	Vandal Proof IP Dome	Fixed IP Dome	Fisheye Camera
Standard Installation			
Ceiling	Hard Ceiling		
	In-Ceiling		
Wall		Wall-Surface	Wall Mount
Ground			Ground Mount
Optional Installation			
Wall	L-Shaped Wall Mount	L-Shaped Wall Mount	Tilting Wall Mount
	Wall Pendant Mount		
Ceiling	Straight Tube		
	Straight Tube Box		

	Vandal Proof IP Dome	Fixed IP Dome	Fisheye Camera
Optional Installation			
Corner	**Convex Corner Mount**		
	Convex Corner Box Mount		
	Concave Corner Mount		
Pole	**Pole Mount**		
	Pole Box Mount		

Required Accessories

A variety of installation methods are designed for **GV-Vandal Proof IP Dome**, **GV-Fixed IP Dome** and **GV-Fisheye Camera** to be installed in different environments. Depending on the installation method, purchase the corresponding accessories listed below. Contact your local dealer for more information.

Installation Method		Accessories Required
Ceiling Mount		
Straight Tube Box Mount	GV-VD Series	GV-Mount100 + GV-Mount901
	GV-FD Series	GV-Mount100 + GV-Mount902
	GV-FE Series	GV-Mount100 + GV-Mount903
Straight Tube Mount	GV-VD Series	GV-Mount101 + GV-Mount901
	GV-FD Series	GV-Mount101 + GV-Mount902
	GV-FE Series	GV-Mount101 + GV-Mount903
Wall Mount		
L-Shaped Wall Mount	GV-VD Series	GV-Mount900 for GV-VD Series
	GV-FD Series	GV-Mount900 for GV-FD Series
Wall Pendant Mount	GV-VD Series	GV-Mount200 + GV-Mount901
	GV-FD Series	GV-Mount200 + GV-Mount902
	GV-FE Series	GV-Mount200 + GV-Mount903
Tilting Wall Mount	GV-FE Series	GV-Mount904
Corner Mount		
Convex Corner Mount	GV-VD Series	GV-Mount300 + GV-Mount200 + GV-Mount901
	GV-FD Series	GV-Mount300 + GV-Mount200 + GV-Mount902
	GV-FE Series	GV-Mount300 + GV-Mount200 + GV-Mount903
Convex Corner Box Mount	GV-VD Series	GV-Mount300 + GV-Mount203 + GV-Mount901
	GV-FD Series	GV-Mount300 + GV-Mount203 + GV-Mount902
	GV-FE Series	GV-Mount300 + GV-Mount203 + GV-Mount903
Concave Corner Mount	GV-VD Series	GV-Mount310 + GV-Mount200 + GV-Mount901
	GV-FD Series	GV-Mount310 + GV-Mount200 + GV-Mount902
	GV-FE Series	GV-Mount310 + GV-Mount200 + GV-Mount903

Installation Method			Accessories Required
Pole Mount			
Pole Mount	Ø 4'' ~ 6''	GV-VD Series	GV-Mount400 + GV-Mount200 + GV-Mount901
		GV-FD Series	GV-Mount400 + GV-Mount200 + GV-Mount902
		GV-FE Series	GV-Mount400 + GV-Mount200 + GV-Mount903
	Ø 6'' ~ 7.5''	GV-VD Series	GV-Mount410 + GV-Mount200 + GV-Mount901
		GV-FD Series	GV-Mount410 + GV-Mount200 + GV-Mount902
		GV-FE Series	GV-Mount410 + GV-Mount200 + GV-Mount903
Pole Box Mount	Ø 4'' ~ 6''	GV-VD Series	GV-Mount400 + GV-Mount203 + GV-Mount901
		GV-FD Series	GV-Mount400 + GV-Mount203 + GV-Mount902
		GV-FE Series	GV-Mount400 + GV-Mount203 + GV-Mount903
	Ø 6'' ~ 7.5''	GV-VD Series	GV-Mount410 + GV-Mount203 + GV-Mount901
		GV-FD Series	GV-Mount410 + GV-Mount203 + GV-Mount902
		GV-FE Series	GV-Mount410 + GV-Mount203 + GV-Mount903

IMPORTANT:

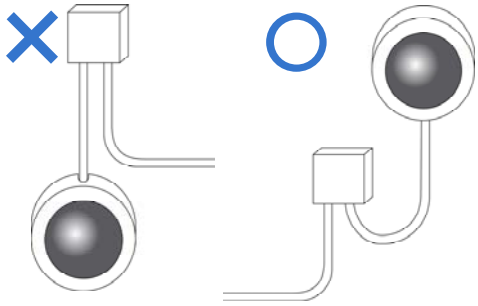
1. For **Straight Tube Box Mount**, **Convex Corner Box Mount**, **Concave Corner Box Mount** and **Pole Box Mount**, a user-prepared corrugated tube of **3/4''**, **ø 26.0 ~ 26.5 mm** is required. For example,

2. To extend the tube for **Straight Tube Box Mount** and **Straight Tube Mount**, purchase a GV-Mount702.

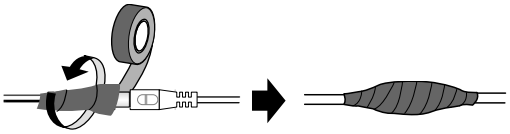
Note for Installing Camera Outdoor

When installing the camera outdoor, be sure that:

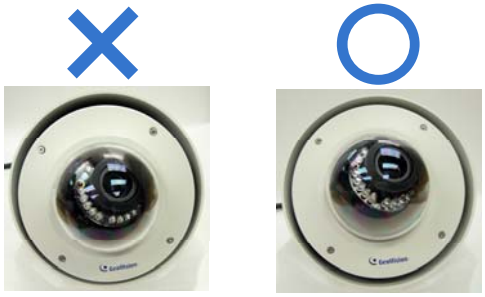
1. The camera is set up above the junction box to prevent water from entering the camera along the cables.



2. Any PoE, power, audio and I/O cables are waterproofed using waterproof silicon rubber or the like.



3. After opening the camera cover, ensure the screws are tightened and the cover is in place.



4. To prevent the lens from fogging up, ensure to replace the silica gel bag every time you open the camera, and conceal the gel bag in camera within 2 minutes of exposing to open air. The silica gel bag loses it effectiveness when the dry camera is opened

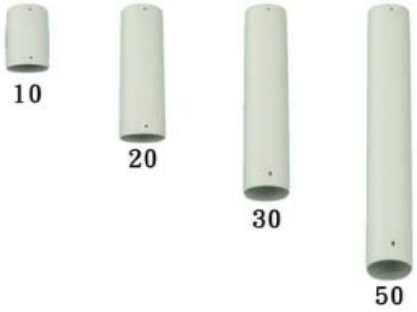
1. Introduction

1.1 Accessories List

Model No.	Name	Details
GV-Mount100	**Straight Tube and Junction Box Kit** 	**Dimensions** 200 x 170 x 257.5 mm / 7.9 x 6.7 x 10.1 in **Weight** 3.17 Kg / 6.99 lbs **Supplied with** M5 flat screw (15 mm) x 4 Corrugated tube connector x 1 No.2 torx wrench x 1
GV-Mount101	**Straight Tube Kit** 	**Dimensions** 219 x 125 x 332 mm / 8.6 x 4.9 x 13.1 in **Weight** 1.8 Kg / 3.97 lbs **Supplied with** No.2 torx wrench x 1
GV-Mount200	**Wall Pendant Tube** 	**Dimensions (L x W x D)** 200 x 140 x 254 mm / 7.9 x 5.5 x 10.0 in **Weight:** 0.93 Kg / 2.05 lbs

Model No.	Name	Details
GV-Mount203	**Wall Pendant Tube and Junction Box Kit** 	**Dimensions** 315 x 195.5 x 225 mm / 12.4 x 7.7 x 8.9 in
		Weight 2.95 Kg / 6.5 lbs
		Supplied with M5 screw (25 mm) x 2 Corrugated tube connector x 1 No.5 Torx Wrench x 1
GV-Mount300	**Convex Corner Adapter Kit** 	**Dimensions** 238.6 x 409.5 mm / 9.4 x 16.1 in
		Weight 4.27 Kg / 9.41 lbs
		Option 1 Supplied with: M8 screw (30 mm) x 4 M8 screw cap x 6 Split washer x 6 Plain washer x 6 **Option 2 Supplied With:** M8 screw (25 mm) x 4 M8 screw cap x 6 Split washer x 6 Plain washer x 6 M5 screw (25 mm) x 2 Corrugated tube connector x 1 No.5 Torx Wrench x 1

Model No.	Name	Details
GV-Mount310	**Concave Corner Adapter Kit** 	**Dimensions** 123.3 x 393.1 mm / 4.9 x 15.5 in **Weight** 2.96 Kg / 6.53 lbs **Supplied with** M8 screw (30 mm) x 4 M8 screw cap x 6 Split washer x 6 Plain washer x 6
GV-Mount400	**Pole Mount Bracket Kit (Ø 4'' ~ 6'')** 	**Dimensions (Bracket)** Bracket: 241 x 161 mm / 9.5 x 6.3 **Steel Strap Diameter** Ø 4'' ~ 6'' **Weight** 1.70 Kg / 3.75 lbs **Supplied with** Stainless steel strap (Ø 4'' ~ 6'') x 3 M8 screw (30 mm) x 4 M8 screw (25 mm) x 4 M8 screw cap x 4 Split washer x 4 Plain washer x 4
GV-Mount410	**Pole Mount Bracket Kit (Ø 6'' ~ 7.5'')** 	**Dimensions (Bracket)** 241 x 161 mm / 9.5 x 6.3 in **Steel Strap Diameter** Ø 6'' ~ 7.5'' **Weight** 1.70 Kg / 3.75 lbs **Supplied with** Stainless steel strap (Ø 6'' ~ 7.5'') x 3 M8 screw (30 mm) x 4 M8 screw (25 mm) x 4 M8 screw cap x 4 Split washer x 4 Plain washer x 4

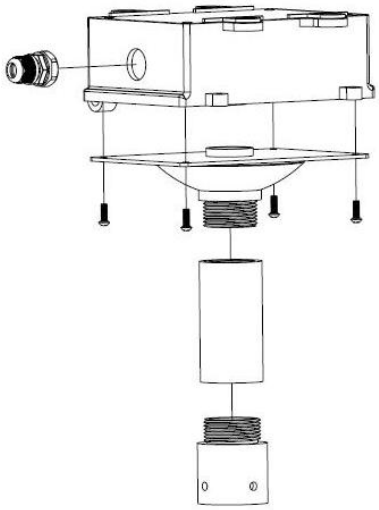
Model No.	Name	Details
GV-Mount702	**Extension Tube** 	**Four** options are available.
		Dimensions Ø 5.4 x 10 or 20 or 30 or 50 cm Ø 2.1 x 3.9 / 7.9 / 11.8 / 19.7 in
		Weight 180 g / 0.4 lbs 390 g / 0.86 lbs 550 g / 1.21lbs 800 g / 1.76 lbs
		Supplied with Extension tube connector x 1
GV-Mount900	**Wall Mount Bracket** 	For L-shaped wall mount of **Vandal Proof IP Dome** and **Fixed IP Dome**.
		Dimensions 154 x 108 x 50 mm / 6.1 x 4.3 x 2 in
		Supplied with (GV-VD Series) Short screw x 4 Screw cap x 4 **Supplied with (GV-VD Series)** Long Screw Anchor x 2 Wall Mount Screw x 2 Short Screw x 3
GV-Mount901	**GV-VD Series Dome Housing** 	**Dimensions** ø 186 x 97.5 mm / ø 7.3 x 3.8 in
		Weight: 600 g / 1.32 lb
		Supplied with M4 screw x 4 M6 screw x 7

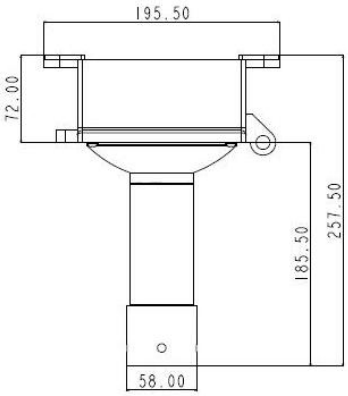
Model No.	Name	Details
GV-Mount902	**GV-FD Series Dome Housing** 	**Dimensions** ø 186 x 97.5 mm / ø 7.3 x 3.8 in **Weight** 600 g / 1.32 lb **Supplied with** Left & right rack x 1 (pair) Housing plate x 1 Small screw x 3 M4 screw x 4 M6 screw x 7
GV-Mount903	**Fisheye Dome Housing** 	**Dimensions** ø 185.51 x 150.35 mm / 7.3 x 5.9 in **Weight** 700 g / 1.54 lb **Supplied with** M4 screw x 4 M6 screw x 7
GV-Mount904	**Tilting Wall Mount Bracket** 	**Dimension** ø 159.1 x 40.5 mm / ø 6.3 x 1.6 in **Tilt angle:** 0-20 ° **Supplied with** Back cover x 1 Back plate x 1 Tilting rack x 1 Long screw x 3 Short screw x 9 Installation sticker x 1

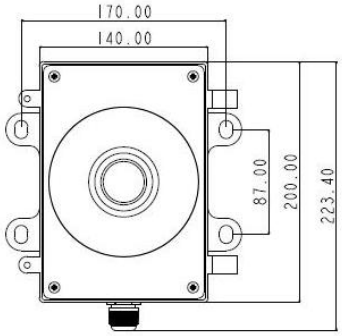
Model No.	Name	Details
GV-PA191	**Power over Ethernet (PoE) Adapter** 	The GV-PA191 is a Power over Ethernet (PoE) adapter designed to provide power to the IP device through a single Ethernet cable. For details, see http://www.geovision.com.tw/english/Prod_GVPA191.asp

1.2 Dimensions

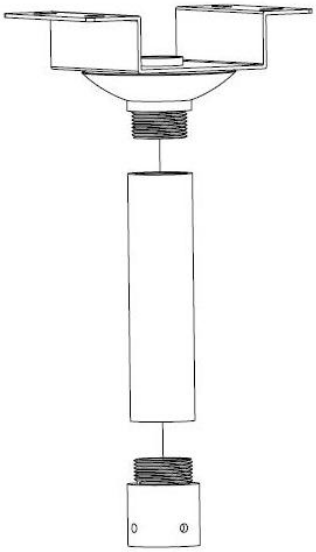
- **GV-Mount100**

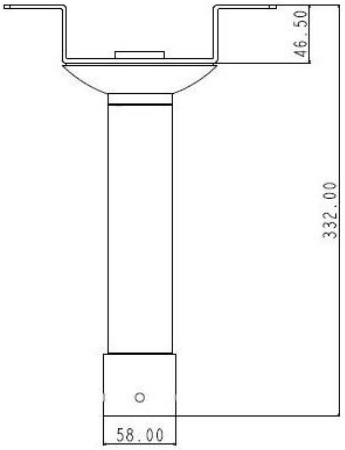


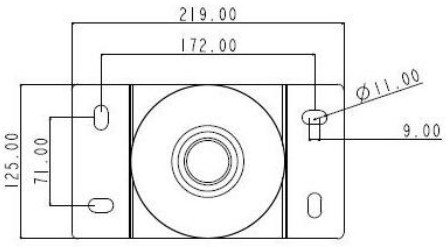




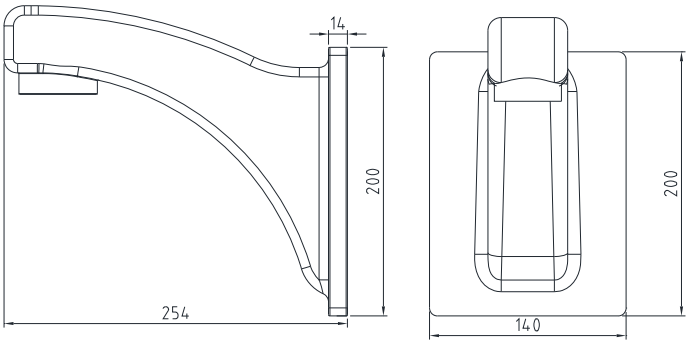
- **GV-Mount101**



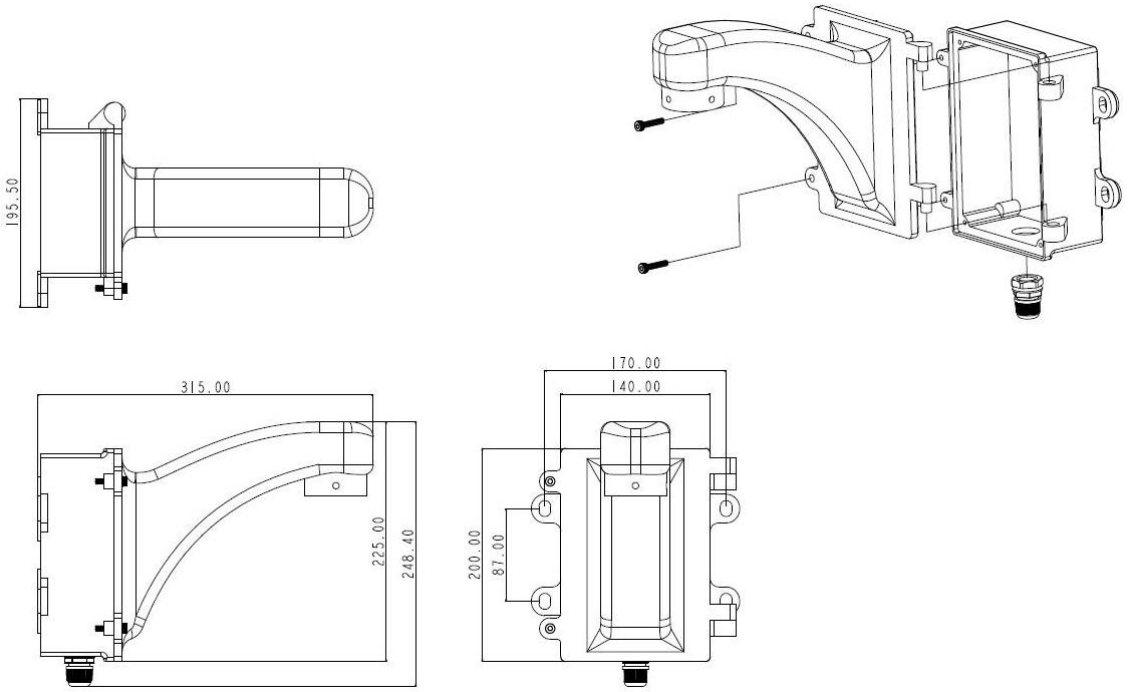




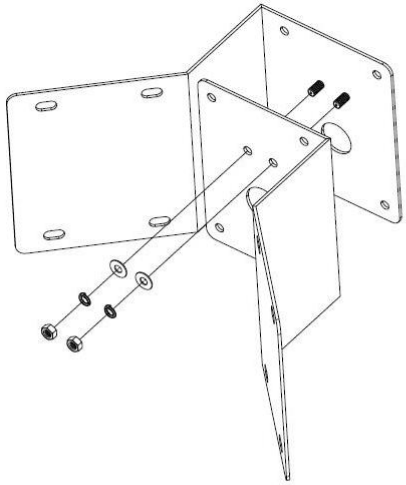
- **GV-Mount200**

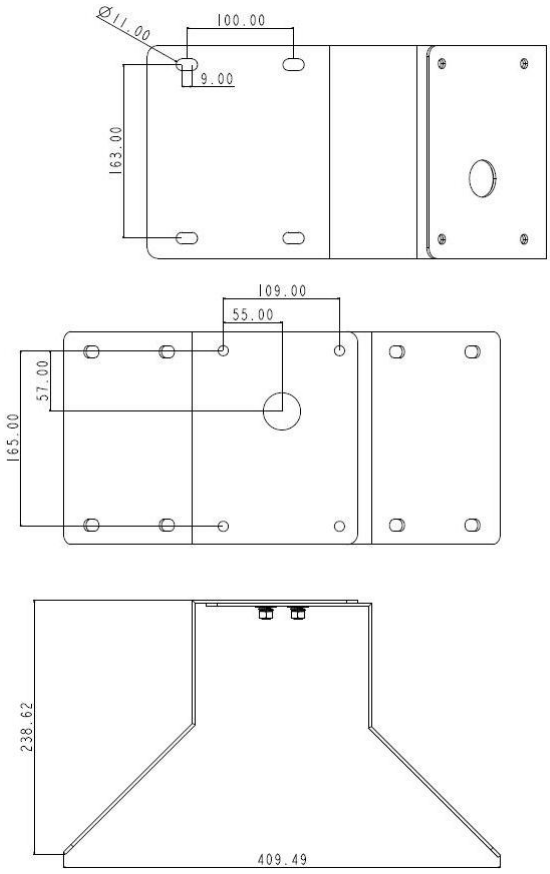


- **GV-Mount203**

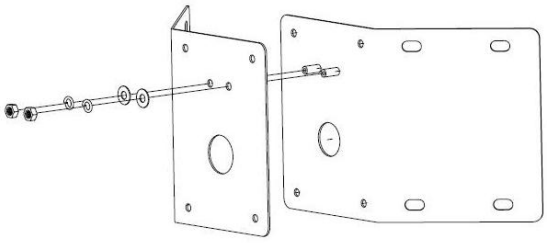


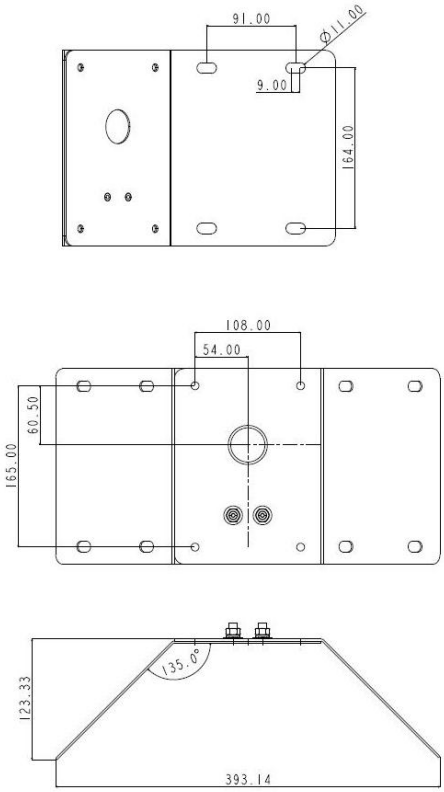
- **GV-Mount300**



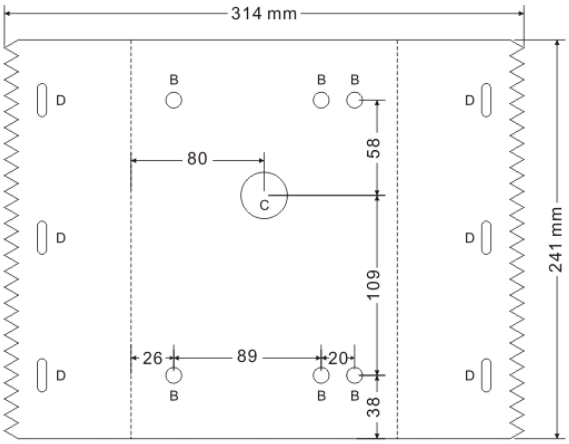


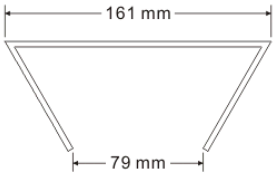
- **GV-Mount310**





- **GV-Mount400**





B: Ø 9.5 mm
C: Ø 28 mm
D: Ø 5.5, 20 mm

1.3 Packing Lists

- **GV-Mount100**

1. Junction Box	2. Box Cover
3. Tube	4. Tube Connector
5. M5 Flat Screw x 4	6. Corrugated Tube Connector
7. No. 2 Torx Wrench	

- **GV-Mount101**

1. Mounting Bracket	2. Tube
3. Tube Connector	4. No. 2 Torx Wrench

- **GV-Mount200**

1. Wall Pendant Tube

- **GV-Mount203**

1. Junction Box	2. Wall Pendant Tube
3. M5 Screw x 2	4. Corrugated Tube Connector
5. No.5 Torx Wrench	

- **GV-Mount300**

1. Mounting Plate x 2	2. M8 Screw (30 mm) x 4
3. M8 Screw (25 mm) x 4	4. Plain Washer x 6
5. Split Washer x 6	6. M8 Screw Cap x 6

- **GV-Mount310**

1. Mounting Plate x 2	2. M8 Screw (30 mm) x 4
3. Plain Washer x 6	4. Split Washer x 6
5. M8 Screw Cap x 6	

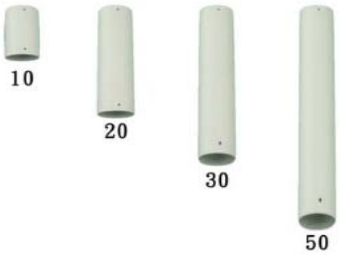
- **GV-Mount400**

1. Mounting Bracket	2. Stainless Steel Strap (Ø 4'' ~ 6'') x 3
3. M8 Screw (30 mm) x 4	4. M8 Screw (25 mm) x 4
5. Plain Washer x 4	6. Split Washer x 4
7. M8 Screw Cap x 4	

- **GV-Mount410**

1. Mounting Bracket	2. Stainless Steel Strap (Ø 6'' ~ 7.5'') x 3
3. M8 Screw (30 mm) x 4	4. M8 Screw (25 mm) x 4
5. Plain Washer x 4	6. Split Washer x 4
7. M8 Screw Cap x 4	

- **GV-Mount702**

1. Extension Tube 	2. Extension Tube Connector

- **GV-Mount900 for Vandal Proof IP Dome**

1. Wall Mount Bracket	2. Short Screw x 4
3. Screw Cap x 4	

- **GV-Mount900 for Fixed IP Dome**

1. Wall Mount Bracket	2. Long Screw Anchor x 2
3. Wall Mount Screw x 2	4. Short Screw x 3

- **GV-Mount901 for Vandal Proof IP Dome**

1. Dome Housing	2. Housing Cap
3. M4 Screw x 4	4. M6 Screw x 7

- **GV-Mount902 for Fixed IP Dome**

1. Dome Housing	2. Housing Cap
3. M4 Screw x 4	4. M6 Screw x 7
5. Left and Right Rack	6. Housing Plate
7. Small Screw x 3	

- **GV-Mount903 for Fisheye Camera**

1. Dome Housing	2. Housing Cap
3. M4 Screw x 4	4. M6 Screw x 7

- **GV-Mount904**

<table>
<tr><td>1. Back Cover
 </td><td>2. Back Plate
 </td></tr>
<tr><td>3. Tilting Rack
 </td><td>4. Long Screw x 3
 </td></tr>
<tr><td colspan="2">5. Short Screw x 9
 </td></tr>
<tr><td colspan="2">6. Installation Sticker</td></tr>
</table>

2. Installing the Vandal Proof IP Dome

2.1 Assembling the Vandal Proof IP Dome with the dome housing

Required accessories:

- GV-Mount901

1. Unpack the camera body.

A.

B.

C.

D.

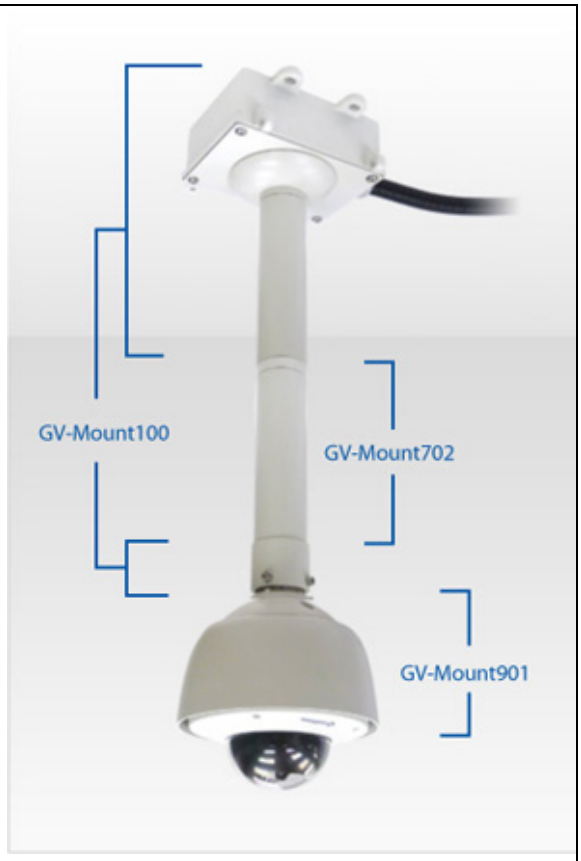
2. Secure the back cover to the dome housing (GV-Mount901, No. 1) with M4 screws (GV-Mount901, No. 3).

3. Thread the camera cable through the back cover and the dome housing.

4. Align the camera body so that the protruding part of the back cover fits the camera body and secure them together.

5. Thread the cable through the housing cap (GV-Mount901, No. 2) and secure with M6 screws (GV-Mount901, No. 4).

2.2 Straight Tube Box Mount



Required accessories:

- GV-Mount100
- GV-Mount901

The user needs to prepare:

- Screws for ceiling x 4
- Corrugated tube x 1 (3/4'', ø 26.0 ~ 26.5 mm)

Optionally extend with:

- GV-Mount702

1. Assemble the camera to the dome housing. See *2.1 Assembling the Vandal Proof IP Dome with the Dome Housing*.
2. Assemble the tube (GV-Mount100, No. 3) and the tube connector (GV-Mount100, No. 4).

3. Thread the camera cable through the tube and secure the tube to the dome with M6 screws (GV-Mount901, No. 4).

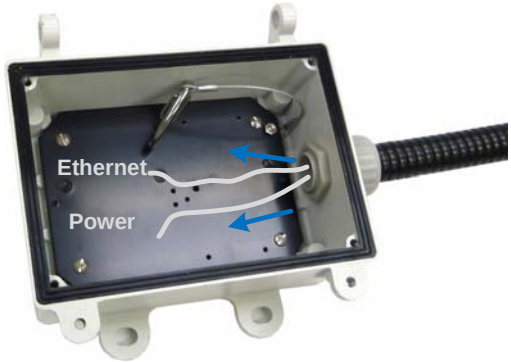
4. Thread the camera cable through the box cover (GV-Mount100, No. 2), assemble the box cover and the tube, and tighten the torxes using the torx wrench (GV-Mount100, No. 7).

5. Secure the junction box (GV-Mount100, No. 1) to the ceiling with 4 self-prepared screws.

6. Assemble the corrugated tube connector (GV-Mount100, No. 6) with the self-prepared corrugated tube.
   A. Dismantle the supplied corrugated tube connector. You should have 4 parts.

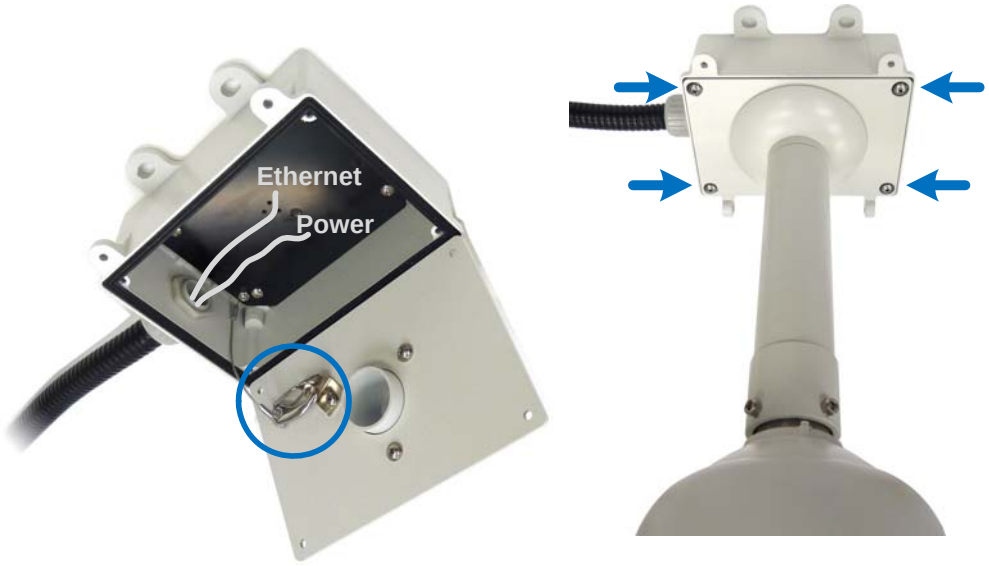
   B. Slide part A and part B to the self-prepared corrugated tube.

   C. Screw part C to the tube.
   D. Thread the necessary wires and cables from the ceiling through the corrugated tube, plug the tube to the junction box and secure with part D.



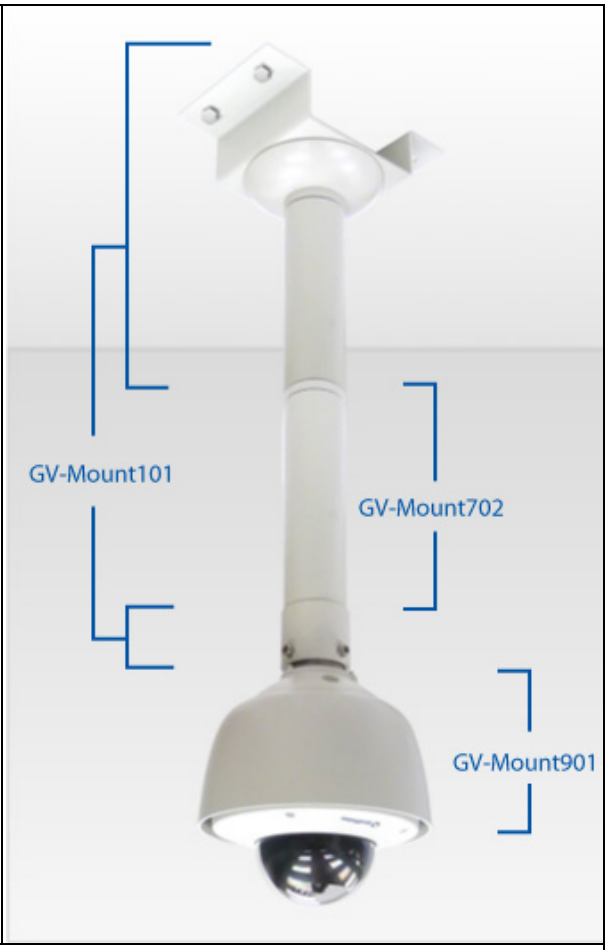
7. Connect the network, power and other cables to the camera. See *8.6 Connecting the Camera*, *GV-IPCam H.264 User's Manual* on the software CD.

8. Hook the box cover and secure it with M5 flat screws (GV-Mount100, No. 5).



9. Refer to the indicated sections of the ***GV-IPCam H.264 User's Manual*** **on the software CD** to:
   A. Access live view. See *11.1 Accessing the Live View*.
   B. Adjust the angle, focus and zoom of the camera. See steps 9 and 10 in *8.4.1 Hard-Ceiling Mount*.
   C. Secure the thread lock, replace the silica gel bag and secure the housing cover. See steps 11 to 13 in *8.4.1 Hard-Ceiling Mount*.

2.3 Straight Tube Mount



Required accessories:

- GV-Mount101
- GV-Mount901

The user needs to prepare:

- Screws for ceiling x 4

Optionally extend with:

- GV-Mount702

1. Assemble the camera with the dome housing. See *2.1 Assembling the Vandal Proof IP Dome with the Dome Housing*.
2. Assemble the tube (GV-Mount101, No. 2) and the tube connector (GV-Mount101, No. 3).

3. Thread the camera cable through the tube and assemble the tube and the dome housing (GV-Mount901, No. 1) with M6 screws (GV-Mount901, No. 4).

4. Thread the camera cable through the mounting bracket (GV-Mount101, No. 1) and assemble the tube with the mounting bracket.
5. Make sure the tubes are properly screwed and tighten with the supplied torx wrench (GV-Mount101, No. 4).

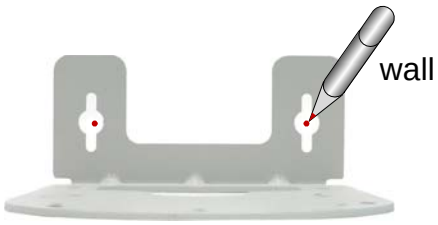
6. Secure the assembled camera to a desired location with 4 self-prepared screws.

7. Refer to the indicated sections of the **G*V-IPCam H.264 User's Manual*** **on the software CD** to:
   A. Connect the network, power and other cables to the camera. See *8.6 Connecting the Camera*.
   B. Access live view. See *11.1 Accessing the Live View*.
   C. Adjust the angle, focus and zoom of the camera. See steps 9 and 10 in *8.4.1 Hard-Ceiling Mount*.
   D. Secure the thread lock, replace the silica gel bag and secure the housing cover. See steps 11 to 13 in *8.4.1 Hard-Ceiling Mount*.

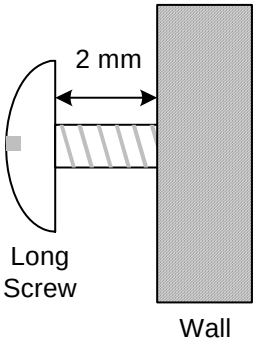
2.4 L-Shaped Wall Mount

	Required accessories: • GV-Mount900

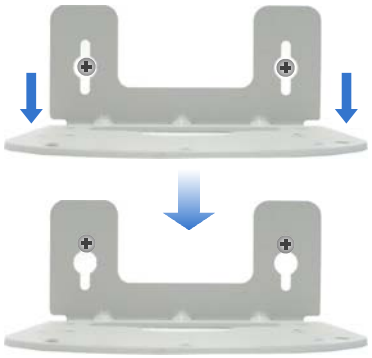
1. Take the wall mount bracket (GV-Mount900 for GV-VD Series, No. 1) and make 2 marks on the wall for screw anchors.



2. Drill the marks and insert 2 screw anchors.
3. Insert the ceiling screws and leave enough distance (approximately 2 mm) to hang the wall mount bracket later.



4. Hang the wall mount bracket on the ceiling screws and push the wall mount bracket downward. Tighten the screws to the wall.



5. Unpack the camera body.

A.

B.

C.

D.

6. Secure the back cover to the wall mount bracket with four short screws (GV-Mount900 for GV-VD Series, No. 2) and screw caps (GV-Mount900 for GV-VD Series, No. 3).

7. Thread the cable through the conduit entry at the bottom of the back cover.

8. Refer to the indicated sections of the **G*V-IPCam H.264 User's Manual*** **on the software CD** to:
   A. Secure the camera body with inner housing. See step 1 in *8.4.1 Hard-Ceiling Mount*.
   B. Connect the network, power and other cables to the camera. See *8.6 Connecting the Camera*.
   C. Access live view. See *11.1 Accessing the Live View*.
   D. Adjust the angle, focus and zoom. See steps 9 and 10 in *8.4.1 Hard-Ceiling Mount*.
   E. Secure the thread lock, replace the silica gel bag and secure the housing cover. See steps 11 to 13 in *8.4.1 Hard-Ceiling Mount*.

2.5 Wall Pendant Mount

Required accessories:

- GV-Mount200
- GV-Mount901

The user needs to prepare:

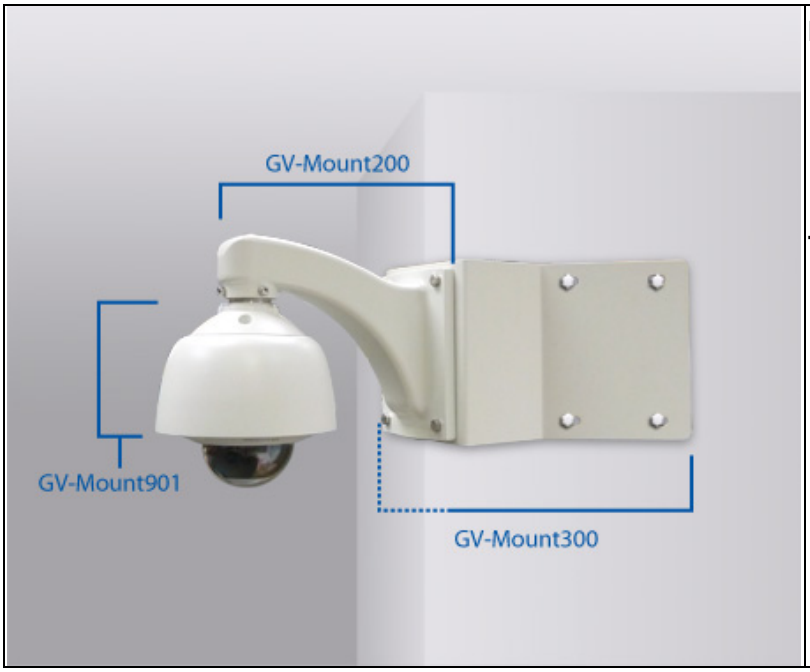
- Screws for wall x 4

1. Assemble the camera with the dome housing. See *2.1 Assembling the Vandal Proof IP Dome with the Dome Housing*.
2. Thread the camera cable through the wall pendant tube (GV-Mount200, No. 1) and secure with M6 screws (GV-Mount901, No. 4).

3. Secure the wall pendant tube to the wall with 4 self-prepared screws.

4. Refer to the indicated sections of the **G*V-IPCam H.264 User's Manual*** **on the software CD** to:
   A. Access live view. See *11.1 Accessing the Live View*.
   B. Adjust the angle, focus and zoom of the camera. See steps 9 and 10 in *8.4.1 Hard-Ceiling Mount*.
   C. Secure the thread lock, replace the silica gel bag and secure the housing cover. See steps 11 to 13 in *8.4.1 Hard-Ceiling Mount*.

2.6 Convex Corner Mount



Required accessories:

- GV-Mount200
- GV-Mount300
- GV-Mount901

The user needs to prepare:

- Screws for wall x 8

1. Assemble the camera with the dome housing. See *2.1 Assembling the Vandal Proof IP Dome with the Dome Housing*.
2. Thread the camera cable through the wall pendant tube (GV-Mount200, No. 1), and secure the housing cap (GV-Mount901, No. 2) to the tube with M6 screws (GV-Mount901, No. 4).

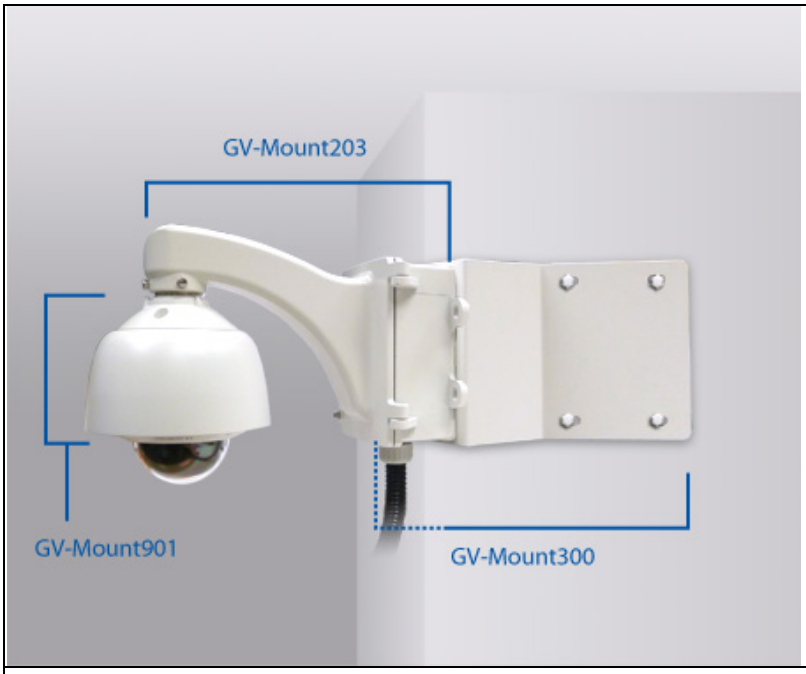
3. Assemble the mounting plates (GV-Mount300, No. 1), slide in the plain washer (GV-Mount300, No. 4), then the split washer (GV-Mount300, No. 5), and secure with the screw cap (GV-Mount300, No. 6).

4. Thread the camera cable and secure the pendant tube to the mounting plates. Slide the 30 mm M8 screws (GV-Mount300, No. 3) from front and secure from the backside using plain washer (GV-Mount300, No. 4), split washer (GV-Mount300, No. 5) and screw cap (GV-Mount300, No. 6).

Backside View

5. Secure the plates to the wall with 8 self-prepared screws.
6. Refer to the indicated sections of the ***GV-IPCam H.264 User's Manual*** **on the software CD** to:
   A. Connect the network, power and other cables to the camera. See *8.6 Connecting the Camera*.
   B. Access the live view. See *11.1 Accessing the Live View*.
   C. Adjust the angle, focus and zoom of the camera. See steps 9 and 10 in *8.4.1 Hard-Ceiling Mount*.
   D. Secure the thread lock, replace the silica gel bag and secure the housing cover. See steps 11 to 13 in *8.4.1 Hard-Ceiling Mount*.

2.7 Convex Corner Box Mount



Required accessories:

- GV-Mount203
- GV-Mount300
- GV-Mount901

The user needs to prepare:

- Screws for wall x 8
- Corrugated tube (3/4'', ø 26.0 ~ 26.5 mm)

1. Assemble the camera with the dome housing. See *2.1 Assembling the Vandal Proof IP Dome with the Dome Housing*.
2. Assemble the mounting plates (GV-Mount300, No. 1), slide in the plain washer (GV-Mount300, No. 4), then the split washer (GV-Mount300, No. 5), and secure them with the screw cap (GV-Mount300, No. 6).

2. Secure the junction box (GV-Mount203, No. 1) to the plate from the backside using the 25 mm M8 screw (GV-Mount300, No. 3), plain washer (GV-Mount300, No. 4) and split washer (GV-Mount300, No. 5).

Back View

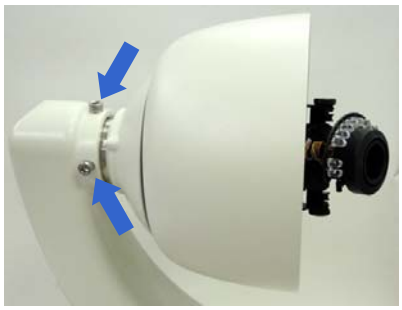
3. Secure the plates to the wall with 8 self-prepared screws. Face the conduit exit downward.

4. Assemble the corrugated tube connector (GV-Mount203, No. 4) with the self-prepared corrugated tube.
   A. Dismantle the supplied corrugated tube connector. You should have 4 parts.

   B. Slide part A and part B to the self-prepared corrugated tube.

   C. Screw part C to the tube.
   D. Thread the necessary wires and cables from the wall or the ceiling through the corrugated tube, plug the tube to the junction box and secure with part D.

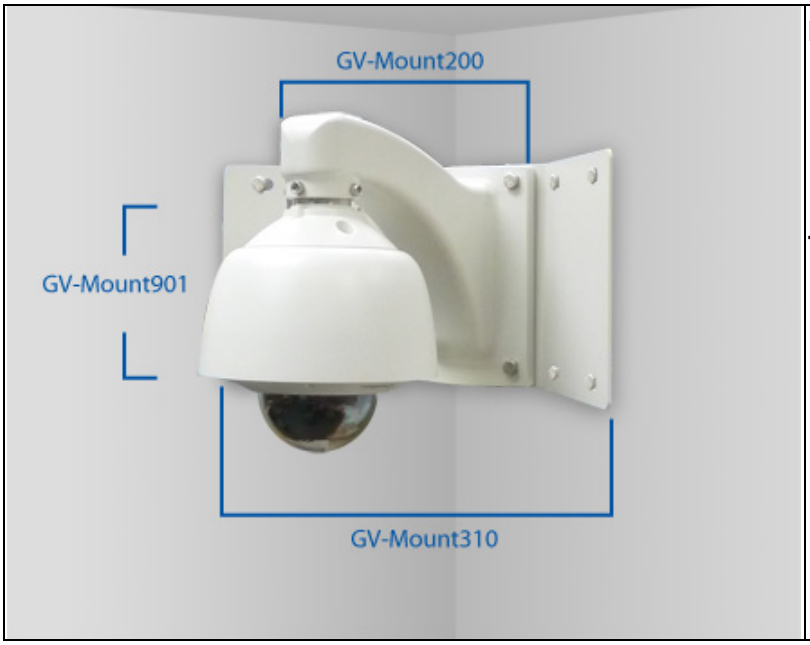
5. Thread the camera cable through the wall pendant tube (GV-Mount203, No. 2), and assemble the dome housing and the tube with M6 screws (GV-Mount901, No. 4).



6. Hinge and hook the pendant tube to the junction box.

7. Connect the network, power and other cables to the camera. See *8.6 Connecting the Camera*, *GV-IPCam H.264 User's Manual* on the software CD.
8. Conceal the junction box with M5 screws (GV-Mount203, No. 3) using the torx wrench (GV-Mount203, No. 5).
9. Refer to the indicated sections of the **GV-IPCam H.264 User's Manual on the software CD** to:
   A. Access the live view. See *11.1 Accessing the Live View*.
   B. Adjust the angle, focus and zoom of the camera. See steps 9 and 10 in *8.4.1 Hard-Ceiling Mount*.
   C. Secure the thread lock, replace the silica gel bag and secure the housing cover. See steps 11 to 13 in *8.4.1 Hard-Ceiling Mount*.

2.8 Concave Corner Mount



Required accessories:

- GV-Mount200
- GV-Mount310
- GV-Mount901

The user needs to prepare:

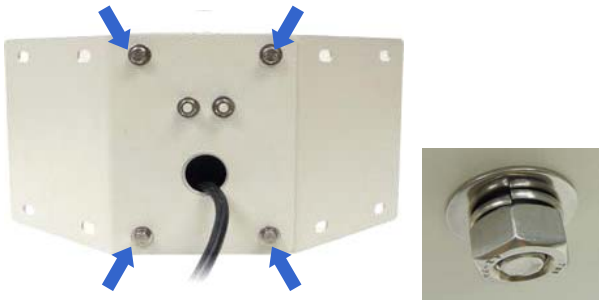
- Screws for wall x 8

1. Assemble the camera with the dome housing. See *2.1 Assembling the Vandal Proof IP Dome with the Dome Housing*.
2. Assemble the mounting plates (GV-Mount310, No. 1), slide in the plain washer (GV-Mount310, No. 3), then the split washer (GV-Mount310, No. 4), and secure them with the screw cap (GV-Mount310, No. 5).

3. Thread the camera cable through the wall pendant tube (GV-Mount200, No. 1), and secure the dome housing to the tube with M6 screws (GV-Mount901, No. 4).

4. Thread the camera cable and secure the pendant tube to the plates. Slide the 30 mm M8 screws (GV-Mount310, No. 2) from the front and secure from the backside using plain washer (GV-Mount310, No. 3), split washer, (GV-Mount310, No. 4) and M8 screw cap (GV-Mount310, No. 5).

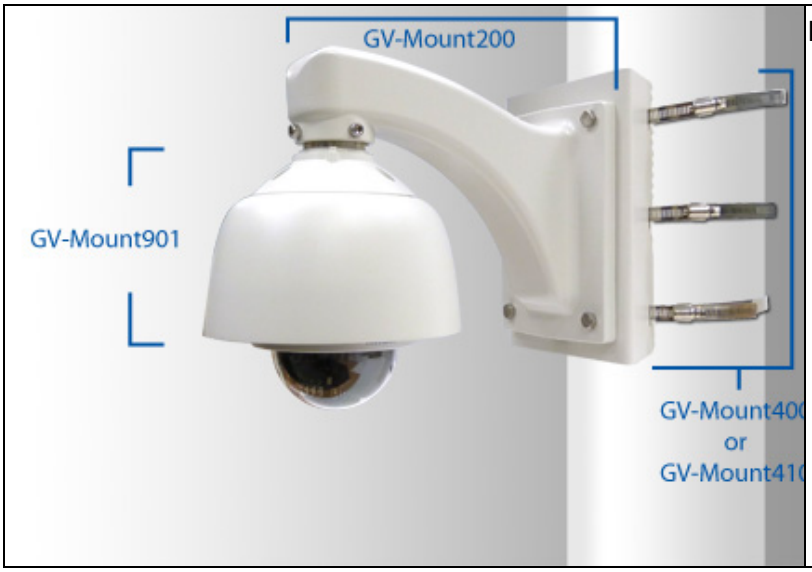
Front View



Back View

5. Secure the plates to the wall with 8 self-prepared screws.
6. Refer to the indicated sections of the ***GV-IPCam H.264 User's Manual*** **on the software CD** to:
   A. Connect the network, power and other cables to the camera. See *8.6 Connecting the Camera*.
   B. Access the live view. See *11.1 Accessing the Live View*.
   C. Adjust the angle, focus and zoom of the camera. See steps 9 and 10 in *8.4.1 Hard-Ceiling Mount*.
   D. Secure the thread lock, replace the silica gel bag and secure the housing cover. See steps 11 to 13 in *8.4.1 Hard-Ceiling Mount*.

2.9 Pole Mount



Required accessories:

- GV-Mount200
- GV-Mount400 or GV-Mount410
- GV-Mount901

1. Assemble the camera with the dome housing. See *2.1 Assembling the Vandal Proof IP Dome with the Dome Housing*.
2. Secure the mounting bracket (GV-Mount400 / GV-Mount410, No. 1) to the pole using 3 steel straps (GV-Mount400 / GV-Mount410, No. 2). Rotate the screw on the strap to adjust its size.

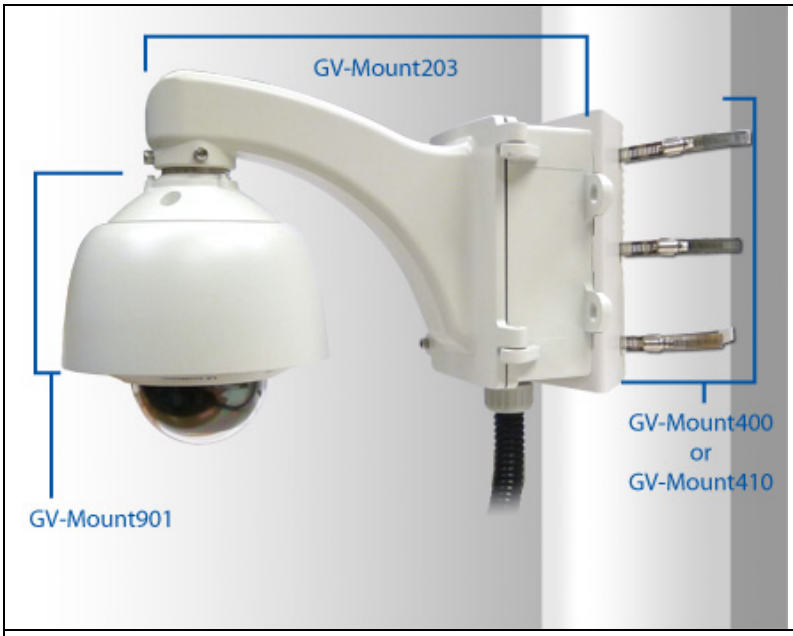
3. Thread the camera cable through the pendant tube (GV-Mount200, No. 1) and secure the dome with M6 screws (GV-Mount901, No. 4).

4. Thread the camera cable through the mounting bracket and secure the pendant tube to the mounting bracket. Slide the 30 mm M8 screws (GV-Mount400 / GV-Mount410, No. 3) from the front and secure from the backside using plain washer (GV-Mount400 / GV-Mount410, No. 5), split washer (GV-Mount400 / GV-Mount410, No. 6) and screw cap (GV-Mount400 / GV-Mount410, No. 7).

Backside View

5. Refer to the indicated sections of the ***GV-IPCam H.264 User's Manual*** **on the software CD** to:
   A. Access the live view. See *11.1 Accessing the Live View*.
   B. Adjust the angle, focus and zoom of the camera. See steps 9 and 10 in *8.4.1 Hard-Ceiling Mount*.
   C. Secure the thread lock, replace the silica gel bag and secure the housing cover. See steps 11 to 13 in *8.4.1 Hard-Ceiling Mount*.

2.10 Pole Box Mount



Required accessories:

- GV-Mount203
- GV-Mount400 or GV-Mount410
- GV-Mount901

The user needs to prepare:

- Corrugated tube x 1 (3/4'', ø 26.0 ~ 26.5 mm)

1. Assemble the camera with the dome housing. See *2.1 Assembling the Vandal Proof IP Dome with the Dome Housing*.
2. Assemble the mounting bracket (GV-Mount400 / GV-Mount410, No. 1) and the junction box (GV-Mount203, No. 1) from the backside using 25 mm M8 screws (GV-Mount400 / GV-Mount410, No. 4), plain washer (GV-Mount400 / GV-Mount410, No. 5) and split washers (GV-Mount400 / GV-Mount410, No. 6).

Backside View

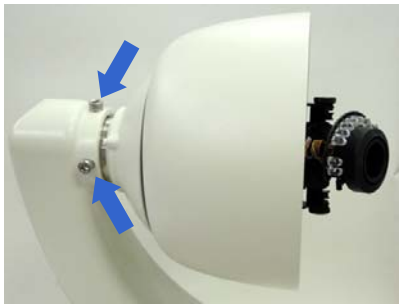
3. Secure the mounting bracket to the pole using 3 steel straps (GV-Mount400 / GV-Mount410, No. 2). Rotate the screw on the strap to adjust its size. Face the conduit exit downward.

4. Assemble the corrugated tube connector (GV-Mount203, No. 4) with the self-prepared corrugated tube.
   A. Dismantle the supplied corrugated tube connector. You should have 4 parts.

   B. Slide part A and part B to the self-prepared corrugated tube.

   C. Screw part C to the tube.
   D. Thread the necessary wires and cables through the corrugated tube, plug the tube to the junction box and secure with part D.

5. Thread the camera cable through the pendant tube (GV-Mount203, No. 2) and secure them with M6 screws (GV-Mount901, No. 4).



6. Hinge and hook the pendant tube to the junction box.

7. Connect the network, power and other cables to the camera. See *8.6 Connecting the Camera*, *GV-IPCam H.264 User's Manual* on the software CD.
8. Conceal the junction box with M5 screws (GV-Mount203, No. 3) using the torx wrench (GV-Mount203, No. 5).
9. Refer to the indicated sections of the ***GV-IPCam H.264 User's Manual*** **on the software CD** to:
   A. Access the live view. See *11.1 Accessing the Live View*.
   B. Adjust the angle, focus and zoom of the camera. See steps 9 and 10 in *8.4.1 Hard-Ceiling Mount*.
   C. Secure the thread lock, replace the silica gel bag and secure the housing cover. See steps 11 to 13 in *8.4.1 Hard-Ceiling Mount*.

3. Installing the Fixed IP Dome

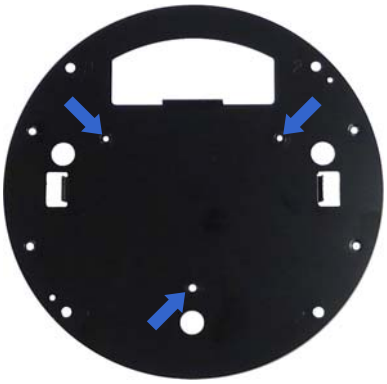
3.1 Basic Installation

3.1.1 Assembling the Fixed IP Dome with the Dome Housing

	Required accessories: • GV-Mount902

1. Unpack the camera package and remove the camera body.

2. Secure the camera body to the housing plate (GV-Mount902, No. 6) with 3 small screws (GV-Mount902, No. 7).



3. Secure the plate to the dome housing with M4 screws (GV-Mount902, No. 3).

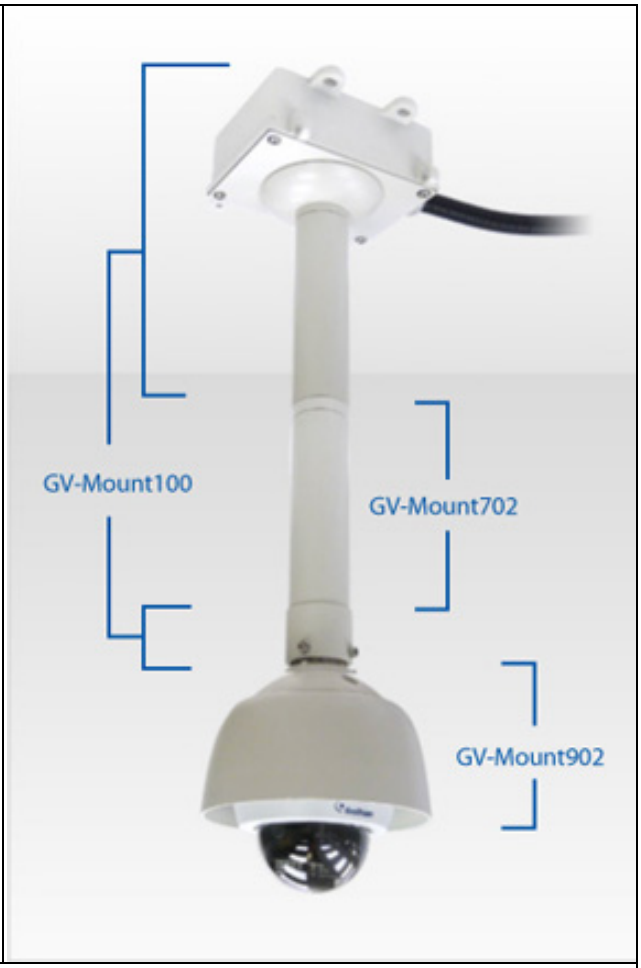
4. Secure the housing cap and the dome housing with M6 screws (GV-Mount902, No. 4).

3.1.2 Putting on the Housing Cover

1. Secure the right and left rack (GV-Mount902, No. 5) to the housing cover.

2. Secure the housing cover to the camera with M4 screws (GV-Mount902, No. 3).

3.2 Straight Tube Box Mount



Required accessories:

- GV-Mount100
- GV-Mount902

The user needs to prepare:

- Screws for ceiling x 4
- Corrugated tube x 1 (3/4'', ø 26.0 ~ 26.5 mm)

Optionally extend with:

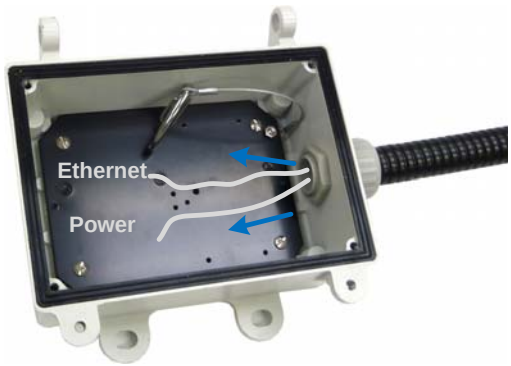
- GV-Mount702

1. Assemble the camera with the dome housing. See *3.1.1 Assembling the Fixed IP Dome with the Dome Housing*.
2. Secure the junction box (GV-Mount100, No. 1) to the ceiling with 4 self-prepared screws.

3. Assemble the corrugated tube connector (GV-Mount100, No. 6) with the self-prepared corrugated tube.
   A. Dismantle the supplied corrugated tube connector. You should have 4 parts.

   B. Slide part A and part B to the self-prepared corrugated tube.

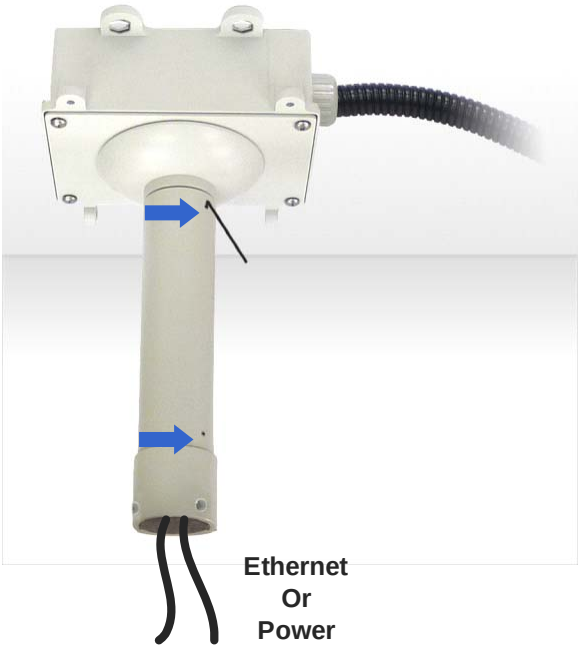
   C. Screw part C to the tube.
   D. Thread the necessary wires and cables through the corrugated tube, plug the tube to the junction box and secure with part D.



4. Thread the wires and cables through the box cover (GV-Mount100, No. 2), hook the box cover and secure it with M5 flat screws (GV-Mount100, No. 5).

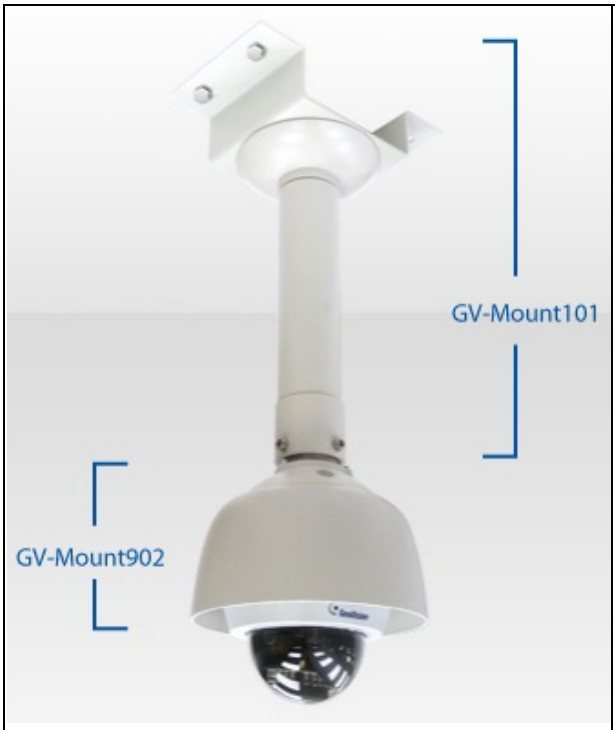
5. Assemble the tube (GV-Mount100, No. 3) and the tube connector (GV-Mount100, No. 4).

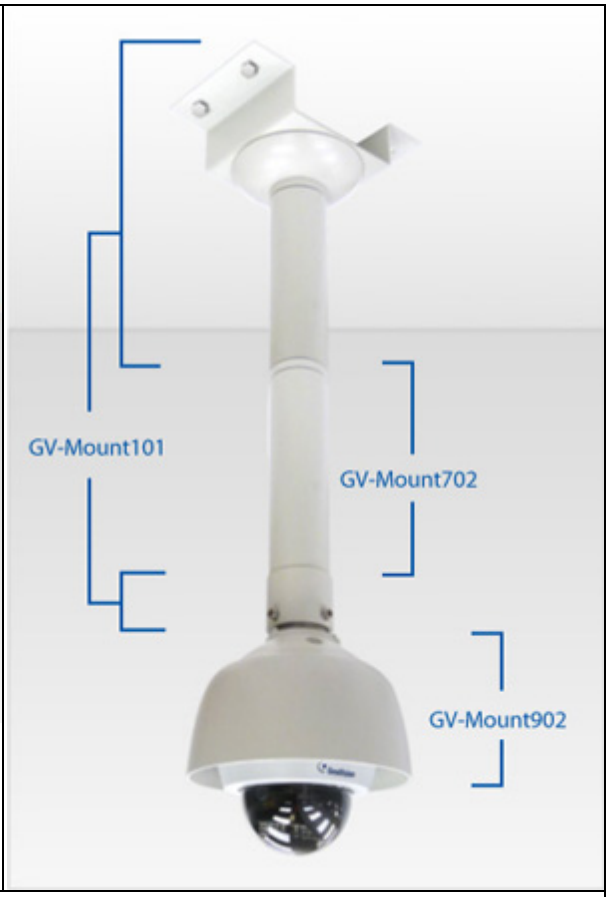
6. Thread the wires and cables through the tube, assemble the tube to the box cover and tighten the torxes with the supplied torx wrench (GV-Mount100, No. 7).



7. Thread the wires and cables through the housing cap (GV-Mount902, No. 2) and secure with M6 screws (GV-Mount902, No. 4).
8. Connect the network, power and other cables to the camera. See *9.6 Connecting the Camera*, *GV-IPCam H.264 User's Manual* on the software CD.
9. Adjust the angle, focus and zoom of the camera. See steps 6 and 7 in *9.4.1 Hard-Ceiling Mount,* G*V-IPCam H.264 User's Manual* on the software CD:
10. Put on the housing cover. See *3.1.2 Putting on the Housing Cover*.

3.3 Straight Tube Mount





Required accessories:

- GV-Mount101
- GV-Mount902

The user needs to prepare:

- Screws for ceiling x 4

Optionally extend with:

- GV-Mount702

1. Assemble the camera with the dome housing. See *3.1.1 Assembling the Fixed IP Dome with the Dome Housing*.
2. Thread the necessary cables and wires from the ceiling through the mounting bracket (GV-Mount101, No. 1) and secure the bracket to the ceiling with 4 self-prepared screws.

3. Assemble the tube (GV-Mount101, No. 2) and the tube connector (GV-Mount101, No. 3).

4. Thread the cables and wires into the tube, assemble the tube to the pendant mount bracket and tighten the torxes with the supplied torx wrench (GV-Mount101, No. 4).

5. Thread the cables and wires into the dome housing and connect the network, power and other cables. See *9.6 Connecting the Camera*, *GV-IPCam H.264 User's Manual* on the software CD.

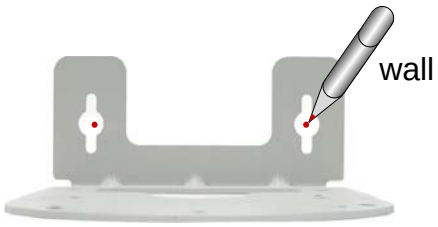
6. Secure the dome housing to the tube with M6 screws (GV-Mount101, No. 4).

7. Refer to the indicated sections of the **GV-IPCam H.264 User's Manual on the software CD** to:
   A. Access the live view. See *11.1 Accessing the Live View*.
   B. Follow steps 6 and 7 in *9.4.1 Hard-Ceiling Mount* to adjust the angle, focus and zoom of the camera.
8. Put on the housing cover. See *3.1.2 Putting on the Housing Cover*.

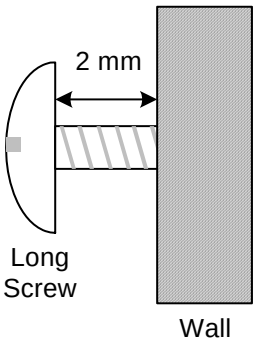
3.4 L-Shaped Wall Mount

	Required accessories: • GV-Mount900

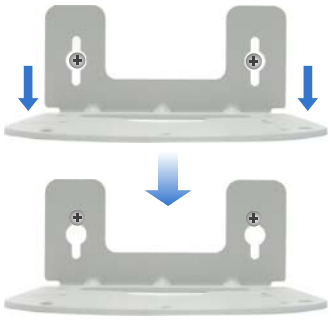
1. Take the wall mount bracket (GV-Mount900, No. 1) and make 2 marks on the wall for screw anchors.



2. Drill the marks and insert 2 long screw anchors (GV-Mount900 for GV-FD Series, No. 2).
3. Insert the wall mount screws (GV-Mount900 for GV-FD Series, No. 3) and leave enough distance (approximately 2 mm) to hang the wall mount bracket later.



4. Hang the wall mount bracket on the wall mount screws and push the wall mount bracket downward. Tighten the wall mount screws to the wall.



5. Unpack the camera body. See step 1 in *3.1.1 Assembling the Fixed IP Dome with the Dome Housing*.
6. Secure the camera body to the wall mount bracket with three short screws (GV-Mount900 for GV-FD Series, No. 4).

7. Refer to the indicated sections of the **GV-IPCam H.264 User's Manual on the software CD** to:
   A. Connect the network, power and other cables to the camera. See *9.6 Connecting the Camera*.
   B. Access the live view. See *11.1 Accessing the Live View*.
   C. Adjust the angle, focus and zoom, and secure the housing cover. See steps 6 to 8 in *9.4.1 Hard-Ceiling Mount*.

3.5 Wall Pendant Mount

Required accessories:

- GV-Mount200
- GV-Mount902

The user needs to prepare:

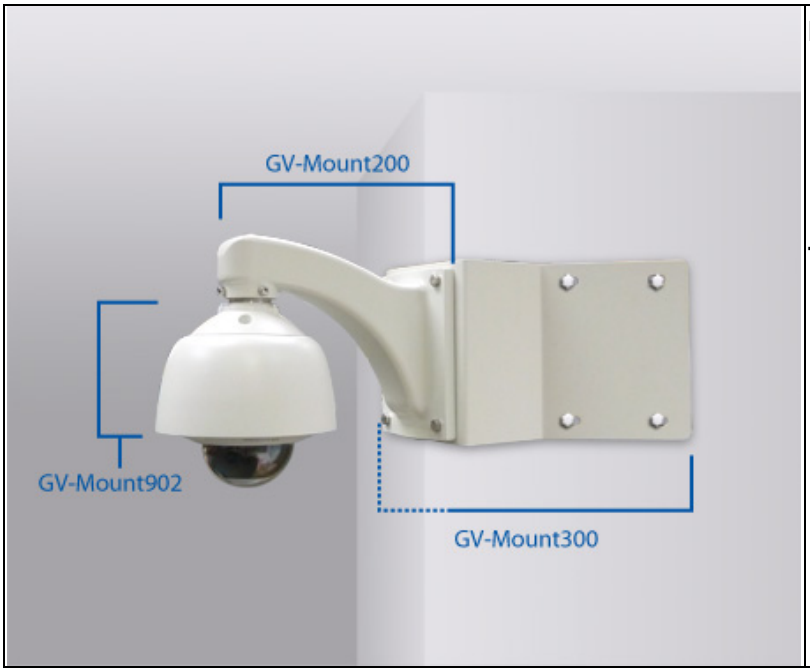
- Screws for wall x 4

1. Assemble the camera with the dome housing. See *3.1.1 Assembling the Fixed IP Dome with the Dome Housing*.
2. On the installation site, thread the necessary cables and wires from the wall through the pendant tube (GV-Mount200, No. 1), and secure the tube to the wall with 4 screws of your choice.

3. Thread the cables and wires into the dome housing and secure the dome housing to the pendant tube with M6 screws (GV-Mount902, No. 4).

4. Refer to the indicated sections of the **GV-IPCam H.264 User's Manual on the software CD** to:
   A. Connect the network, power and other cables to the camera. See *9.6 Connecting the Camera*.
   B. Access the live view. See *11.1 Accessing the Live View*.
   C. Adjust the angle, focus and zoom. See steps 6 and 7 in *9.4.1 Hard-Ceiling Mount*.
5. Put on the housing cover. See *3.1.2 Putting on the Housing Cover*.

3.6 Convex Corner Mount



Required accessories:

- GV-Mount200
- GV-Mount300
- GV-Mount902

The user needs to prepare:

- Screws for wall x 8

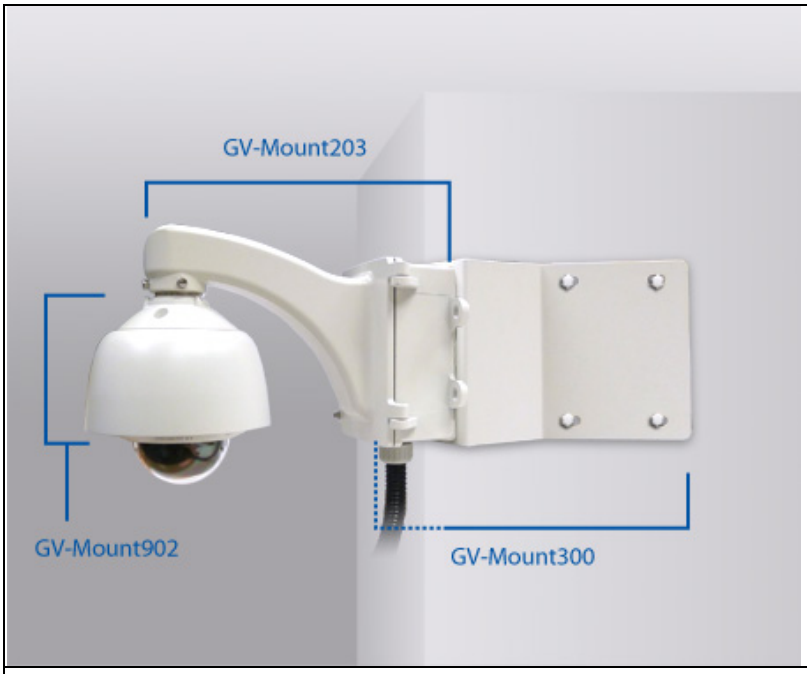
1. Assemble the camera with the dome housing. See *3.1.1 Assembling the Fixed IP Dome with the Dome Housing*.
2. Assemble the mounting plates (GV-Mount300, No. 1), slide in the plain washer (GV-Mount300, No. 4), then the split washer (GV-Mount300, No. 5), and secure them with the screw cap (GV-Mount300, No. 6).

3. Secure the pendant tube (GV-Mount200, No. 1) to the plate. Slide the 30 mm M8 screws (GV-Mount300, No. 2) from the front and secure from the backside using plain washers (GV-Mount300, No. 4), split washers (GV-Mount300, No. 5) and the M8 screw caps (GV-Mount300, No. 6).

Backside View

4. Thread the necessary wires and cables through the pendant tube and secure the plate to the wall with 8 self-prepared screws.
5. Connect the network, power and other cables to the camera. See *9.6 Connecting the Camera*, *GV-IPCam H.264 User's Manual* on the software CD.
6. Secure the dome housing to the pendant tube with M6 screws (GV-Mount902, No. 4).
7. Refer to the indicated sections of the ***GV-IPCam H.264 User's Manual*** **on the software CD** to:
   A. Access the live view. See *11.1 Accessing the Live View*.
   B. Adjust the angle, focus and zoom. See steps 6 and 7 in *9.4.1 Hard-Ceiling Mount*.
8. Put on the housing cover. See *3.1.2 Putting on the Housing Cover*.

3.7 Convex Corner Box Mount



Required accessories:

- GV-Mount203
- GV-Mount300
- GV-Mount902

The user needs to prepare:

- Screws for wall x 8
- Corrugated tube x 1 (3/4'', ø 26.0 ~ 26.5 mm)

1. Assemble the camera with the dome housing. See *3.1.1 Assembling the Fixed IP Dome with the Dome Housing*.

2. Assemble the mounting plates (GV-Mount300, No. 1), slide in the plain washer (GV-Mount300, No. 4), then the split washer (GV-Mount300, No. 5), and secure them with the screw cap (GV-Mount300, No. 6).

3. Secure the junction box (GV-Mount203, No. 1) to the mounting plate from the back side using the 25 mm M8 screw (GV-Mount300, No. 3), plain washer (GV-Mount300, No. 4), split washer (GV-Mount300, No. 5) and the M8 screw cap (GV-Mount300, No. 6).

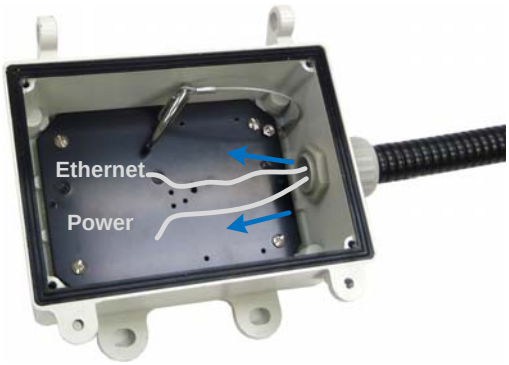
Back View

4. Secure the mounting plate to the wall with 8 self-prepared screws. Face the conduit exit downward.
5. Assemble the corrugated tube connector (GV-Mount203, No. 4) with the self-prepared corrugated tube.
   A. Dismantle the supplied corrugated tube connector. You should have 4 parts.

   B. Slide part A and part B to the self-prepared corrugated tube.

   C. Screw part C to the tube.

D. Thread the necessary wires and cables through the corrugated tube, plug the tube to the box and secure with part D.



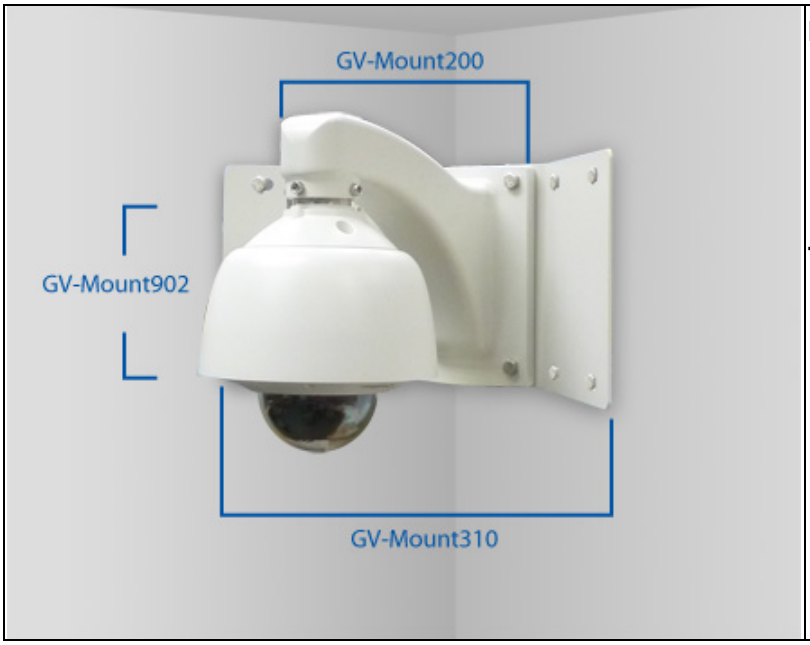
6. Hinge and hook the pendant tube (GV-Mount203, No. 2) to the junction box.

7. Thread the wires and cables through the pendant tube into the dome housing and connect them to the camera. See *9.6 Connecting the Camera*, *GV-IPCam H.264 User's Manual* on the software CD.
8. Secure the dome housing to the pendant tube with M6 screws (GV-Mount902, No. 4).

9. Conceal the junction box with M5 screws using the torx wrench (GV-Mount203, No. 5).

10. Refer to the indicated sections of the **G*V-IPCam H.264 User's Manual*** **on the software CD** to:
    A. Access the live view. See *11.1 Accessing the Live View*.
    B. Adjust the angle, focus and zoom. See steps 6 and 7 in *9.4.1 Hard-Ceiling Mount*.
11. Put on the housing cover. See *3.1.2 Putting on the Housing Cover*.

3.8 Concave Corner Mount



Required accessories:

- GV-Mount200
- GV-Mount310
- GV-Mount902

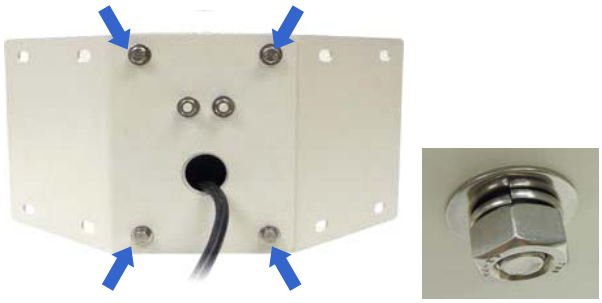
The user needs to prepare:

- Screws for wall x 8

1. Assemble the camera with the dome housing. See *3.1.1 Assembling the Fixed IP Dome with the Dome Housing*.
2. Assemble the mounting plates (GV-Mount310, No. 1), slide in the plain washer (GV-Mount310, No. 3), then the split washer, and secure them with the screw cap.

3. Secure the pendant tube (GV-Mount200, No. 1) to the plate. Slide the 30 mm M8 screws (GV-Mount310, No. 2) from the front and secure from the back using plain washers (GV-Mount310, No. 3), split washers (GV-Mount310, No. 4) and the M8 screw caps (GV-Mount310, No. 5).

Front View



Back View

4. Thread the necessary wires and cables through the pendant tube and secure the plate to the wall with 8 self-prepared screws.
5. Connect the network, power and other cables to the camera. See *9.6 Connecting the Camera*, *GV-IPCam H.264 User's Manual* on the software CD.
6. Secure the housing dome to the pendant tube with M6 screws (GV-Mount902, No. 4).
7. Refer to the indicated sections of the **GV-IPCam H.264 User's Manual on the software CD** to:
   A. Access the live view. See *11.1 Accessing the Live View*.
   B. Adjust the angle, focus and zoom. See steps 6 and 7 in *9.4.1 Hard-Ceiling Mount*.
8. Put on the housing cover. See *3.1.2 Putting on the Housing Cover*.

3.9 Pole Mount

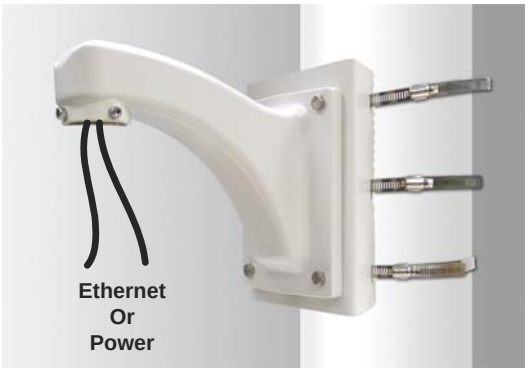
Required accessories:

- GV-Mount200
- GV-Mount400 or GV-Mount410
- GV-Mount902

1. Assemble the camera with the dome housing. See *3.1.1 Assembling the Fixed IP Dome with the Dome Housing*.
2. Secure the pendant tube (GV-Mount200, No. 1) to the mounting bracket (GV-Mount400 / GV-Mount410, No. 1). Slide the 30 mm M8 screws (GV-Mount400 / GV-Mount410, No. 3) from the front and secure from the backside using plain washer (GV-Mount400 / GV-Mount410, No. 5), split washer (GV-Mount400 / GV-Mount410, No. 6) and screw cap (GV-Mount400 / GV-Mount410, No. 7).

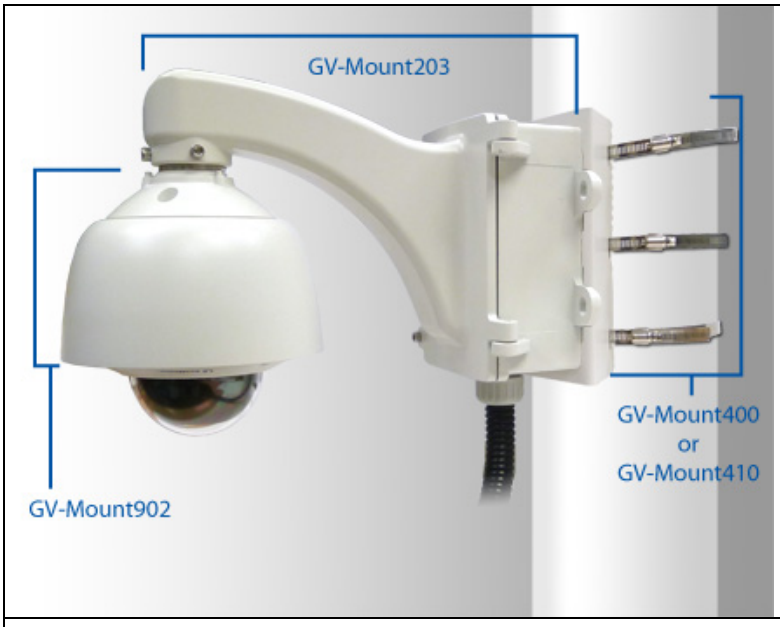
Backside View

3. Thread the necessary wires and cables through the pendant tube and secure the mounting bracket to the pole using 3 steel straps (GV-Mount400 / GV-Mount410, No. 2). Rotate the screw on the strap to adjust its size.



4. Thread the wires and cables into the dome housing and connect the network, power and other cables to the camera. See *9.6 Connecting the Camera*, *GV-IPCam H.264 User's Manual* on the software CD.
5. Secure the dome housing to the pendant tube using M6 screws (GV-Mount902, No. 4).
6. Refer to the indicated sections of the ***GV-IPCam H.264 User's Manual*** **on the software CD** to:
   A. Access the live view. See *11.1 Accessing the Live View*.
   B. Adjust the angle, focus and zoom. See steps 6 and 7 in *9.4.1 Hard-Ceiling Mount*.
7. Put on the housing cover. See *3.1.2 Putting on the Housing Cover*.

3.10 Pole Box Mount



Required accessories:

- GV-Mount203
- GV-Mount400 or GV-Mount410
- GV-Mount902

The user needs to prepare:

- Corrugated tube x 1 (3/4'', ø 26.0 ~ 26.5 mm)

1. Assemble the camera with the dome housing. See *3.1.1 Assembling the Fixed IP Dome with the Dome Housing*.
2. Assemble the mounting bracket (GV-Mount400 / GV-Mount410, No. 1) and the junction box (GV-Mount203, No. 1) from the backside using 25 mm M8 screws (GV-Mount400 / GV-Mount410, No. 4), plain washer (GV-Mount400 / GV-Mount410, No. 5) and split washers (GV-Mount400 / GV-Mount410, No. 6).

Backside View

3. Secure the mounting bracket to the pole using 3 steel straps (GV-Mount400 / GV-Mount410, No. 2). Rotate the screw on the strap to adjust its size. Face the conduit exit downward.

4. Assemble the corrugated tube connector (GV-Mount203, No. 4) with the self-prepared corrugated tube.
   A. Dismantle the supplied corrugated tube connector. You should have 4 parts.

   B. Slide part A and part B to the self-prepared corrugated tube.

   C. Screw part C to the tube.
   D. Thread the necessary wires and cables through the corrugated tube, plug the tube to the box and secure with part D.

5. Hinge and hook the pendant tube (GV-Mount203, No. 2) to the junction box.

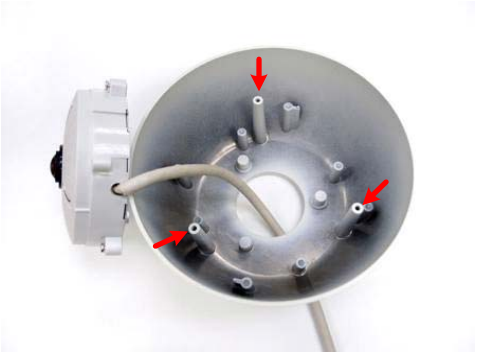
6. Thread the wires and cables through the pendant tube into the dome housing and connect the network, power and other cables to the camera. See *8.6 Connecting the Camera*, *GV-IPCam H.264 User's Manual* on the software CD.
7. Secure the dome housing to the pendant tube with M6 screws (GV-Mount902, No. 4).
8. Conceal the junction box with M5 screws (GV-Mount203, No. 3) using the torx wrench (GV-Mount203, No. 5).
9. Refer to the indicated sections of the ***GV-IPCam H.264 User's Manual*** **on the software CD** to:
   A. Access the live view. See *11.1 Accessing the Live View*.
   B. Adjust the angle, focus and zoom. See steps 6 and 7 in *9.4.1 Hard-Ceiling Mount*.
10. Put on the housing cover. See *3.1.2 Putting on the Housing Cover*.4. Installing the Fisheye Camera.

4. Installing the Fisheye Camera

4.1 Assembling the Fisheye Camera with the Dome Housing

	Required accessories: • GV-Mount903

1. Thread the camera cable through the hole on the bottom of the dome housing (GV-Mount903, No. 1).
2. Align the three holes on the camera body with the three protruding pillars in the dome housing.

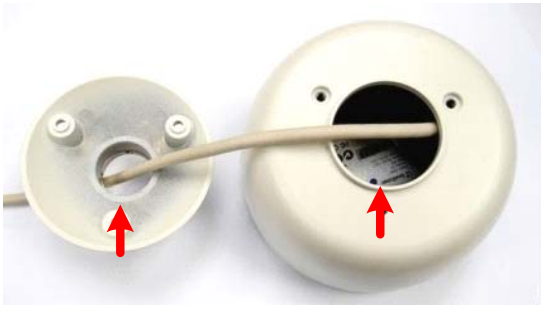


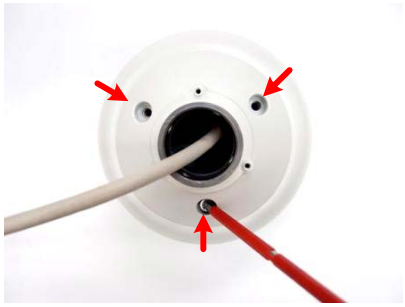
3. Secure with the three supplied M4 hex screws (GV-Mount903, No. 3).

4. Place the camera cover for in-ceiling mount on the camera body and secure the 3 screws with the supplied torx wrench.

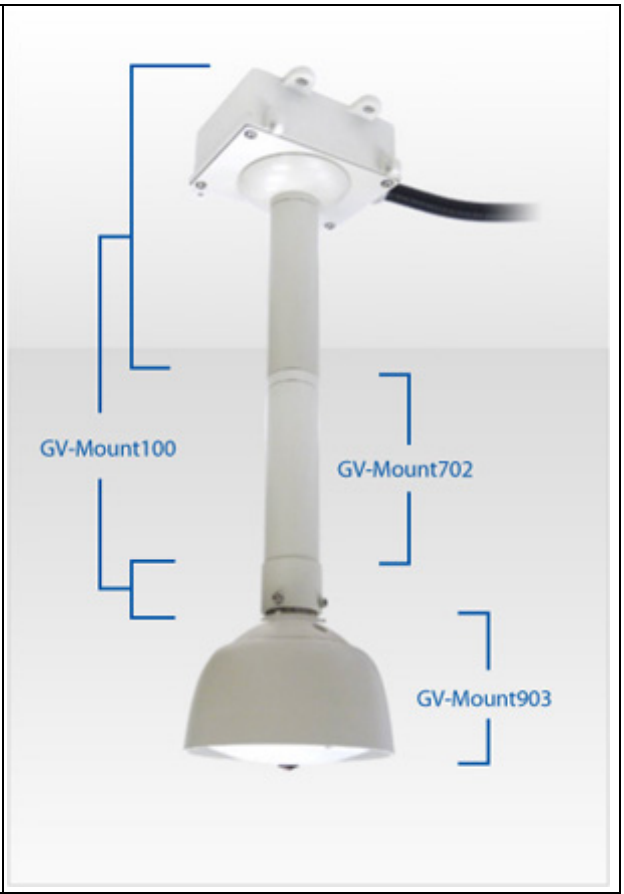
5. Thread the cable through the housing cap (GV-Mount903, No. 2) and secure with three supplied M6 hex screws (GV-Mount903, No. 4).

Tip: The hole on the housing cap that is flat should be matched with the hole on the housing cover without an indent.





4.2 Straight Tube Box Mount



Required accessories:

- GV-Mount100
- GV-Mount903

The user needs to prepare:

- Screws for ceiling x 4
- Corrugated tube x 1 (3/4'', ø 26.0 ~ 26.5 mm)

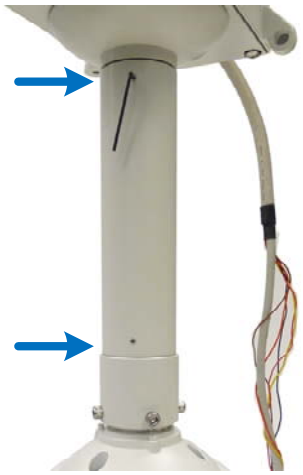
Optionally extend with:

- GV-Mount702

1. Assemble the camera to the dome housing. See *4.1 Assembling the Fisheye Camera with the Dome Housing*.
2. Assemble the tube (GV-Mount903, No. 3) and the tube connector (GV-Mount903, No. 4).

3. Thread the camera cable through the tube and secure the tube to the dome with M6 screws (GV-Mount903, No. 4).

4. Thread the camera cable through the box cover (GV-Mount100, No. 2), assemble the box cover and the tube, and tighten the torxes with the supplied torx wrench (GV-Mount100, No. 7).

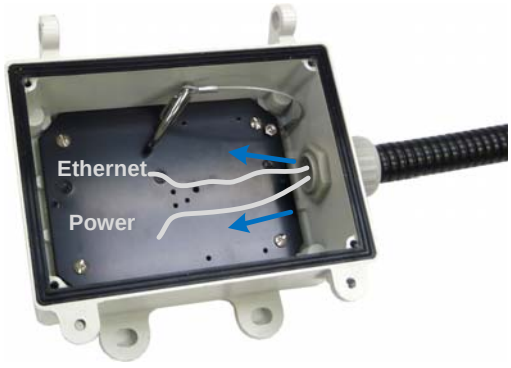


5. Secure the junction box (GV-Mount100, No. 1) to the ceiling with 4 self-prepared screws.

6. Assemble the corrugated tube connector (GV-Mount100, No. 6) with the self-prepared corrugated tube.
   A. Dismantle the supplied corrugated tube connector. You should have 4 components.

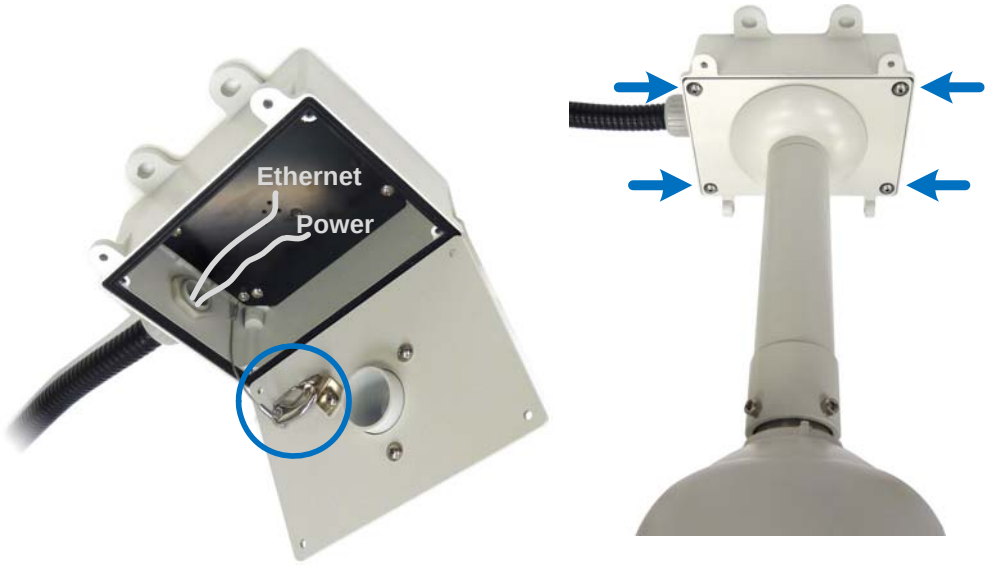
   B. Slide part A and part B to the self-prepared corrugated tube.

   C. Screw part C to the tube.
   D. Thread the necessary wires and cables from the ceiling through the corrugated tube, plug the tube to the box and secure with part D.



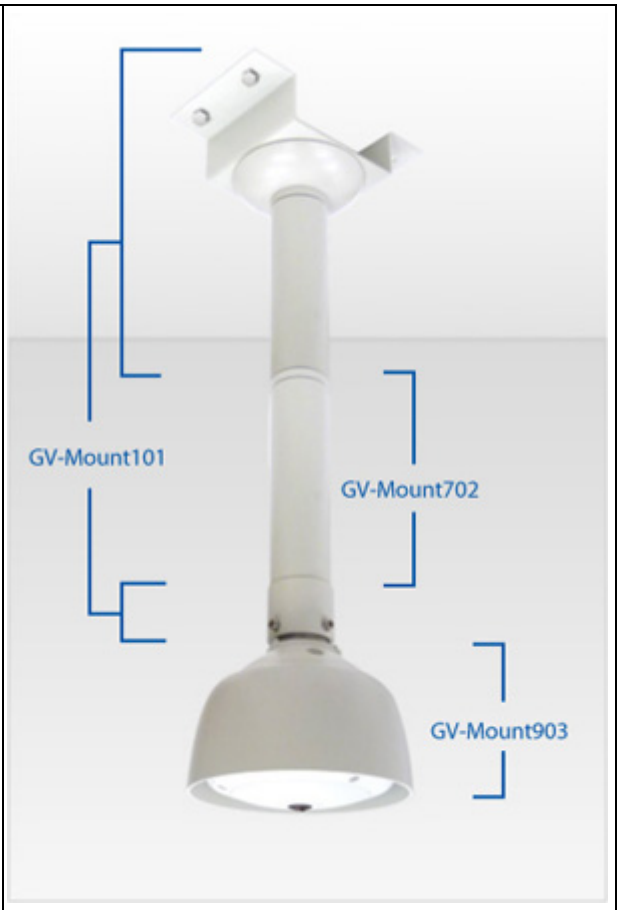
7. Connect the network, power and other cables to the camera. See *1.8 Connecting the Data Cable*, *GV-Fisheye IP Camera H.264 User's Manual* on the software CD.

8. Hinge and hook the box cover and secure it with M5 flat screws (GV-Mount100, No. 5).



9. Access the live view. See *2.1 Installing on a Network*, *GV-Fisheye IP Camera H.264 User's Manual* on the software CD.

4.3 Straight Tube Mount



Required accessories:

- GV-Mount101
- GV-Mount903

The user needs to prepare:

- Screws for ceiling x 4

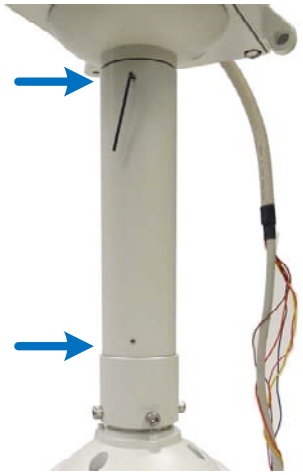
Optionally extend with:

- GV-Mount702

1. Assemble the camera with the dome housing. See *4.1 Assembling the Fisheye Camera with the Dome Housing*.
2. Assemble the tube (GV-Mount101, No. 2) and the tube connector (GV-Mount101, No. 3).

3. Thread the camera cable through the tube and assemble the tube and the dome housing with M6 screws (GV-Mount903, No. 4).

4. Thread the camera cable through the mounting bracket (GV-Mount101, No. 1) and assemble the tube with the mounting bracket.
5. Make sure the tubes are properly screwed and tighten the torxes using the supplied torx wrench (GV-Mount101, No. 4).



6. Secure the assembled camera to a desired location with 4 self-prepared screws.
7. Refer to the indicated sections of the *GV-Fisheye IP Camera H.264 User's Manual* on the software CD to:
   A. Connect the network, power and other cables to the camera. See *1.8 Connecting the Data Cable*.
   B. Access live view. See *2.1 Installing on a Network*.

4.4 Wall Pendant Mount

Required accessories:

- GV-Mount200
- GV-Mount903

The user needs to prepare:

- Screws for wall x 4

1. Assemble the Fisheye camera with the dome housing. See *4.1 Assembling the Fisheye Camera with the Dome Housing*.
2. Insert the housing cap (GV-Mount903, No. 2) into the wall pendant tube (GV-Mount200, No. 1) and secure with the three supplied M6 hex screws (GV-Mount903, No. 4).

3. Place the wall pendant tube on the wall and secure with four screws of your choice.

4.5 Tilting Wall Mount

Front View	**Side View: Flat**	**Side View: Tilted**
Required accessories: • GV-Mount904		

1. Unscrew the inner housing cover using the supplied torx wrench.

2. Assemble the tilting rack (GV-Mount904, No. 3) with the back plate (GV-Mount904, No. 2) and secure them together with 3 short screws (GV-Mount904, No. 5) from the back.

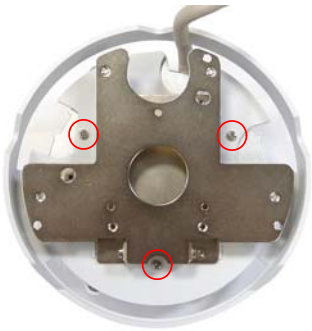
Front View

Back View

3. Thread the camera cable into an opening on the back plate and align the top side of the camera with the top of the back plate.

Tip: Pull the tilting rack to a wider angle for easier threading.

4. Secure the camera from the back with 3 long screws (GV-Mount904, No. 4).



5. Put on the back cover and secure it with 6 short screws (GV-Mount904, No. 5).

6. To accommodate the adjustment, reserve some length of cable by making a curve in-between the back plate and the back cover.

7. Paste the supplied sticker (GV-Mount904, No. 6) on the wall. The 3 red dots indicate the screw position.

Important: Be sure that the “TOP” arrow on the sticker points toward the ceiling.

8. Drill the 3 red dots and insert the supplied plastic screw anchor.
9. Secure the camera to wall using 3 supplied screws.

10. Insert a micro SD card to the camera.
11. Secure the inner housing cover using the supplied torx wrench.
12. Secure the supplied camera cover (hard-ceiling mount) using the supplied torx wrench.

4.6 Convex Corner Mount

Required accessories:

- GV-Mount200
- GV-Mount300
- GV-Mount903

The user needs to prepare:

- Screws for wall x 8

1. Assemble the camera with the dome housing. See *4.1 Assembling the Fisheye Camera with the Dome Housing*.
2. Thread the camera cable through the wall pendant tube (GV-Mount200, No. 1), and secure the dome housing to the tube with M6 screws (GV-Mount903, No. 4).

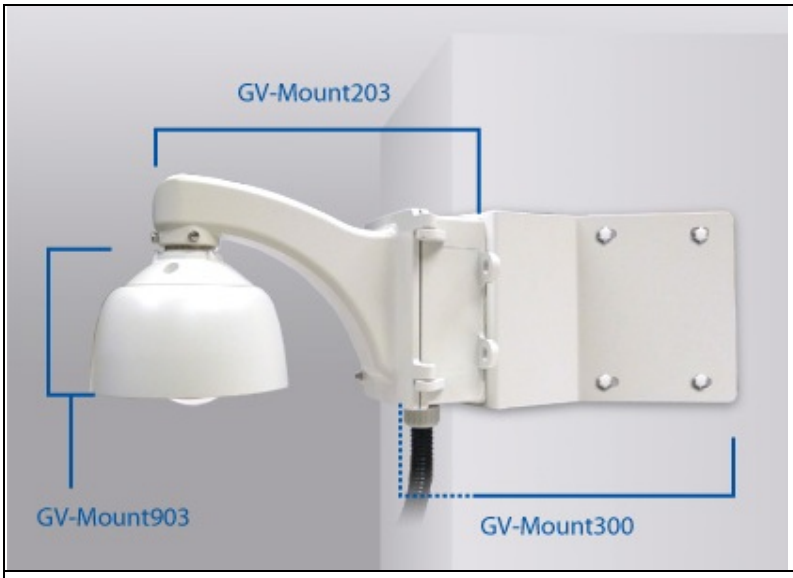
3. Assemble the mounting plates (GV-Mount300, No. 1), slide in the plain washer (GV-Mount300, No. 4), then the split washer (GV-Mount300, No. 5), and secure with the screw cap (GV-Mount300, No. 6).

4. Thread the camera cable and secure the pendant tube to the plates. Slide the 30 mm M8 screws (GV-Mount300, No. 2) from the front and secure from the backside using plain washer (GV-Mount300, No. 4), split washer (GV-Mount300, No. 5) and screw cap (GV-Mount300, No. 6).

Backside View

5. Secure the plates to the wall with 8 self-prepared screws.
6. Refer to the indicated sections of the *GV-Fisheye IP Camera H.264 User's Manual* on the software CD to:
   A. Connect the network, power and other cables to the camera. See *1.8 Connecting the Data Cable*.
   B. Access live view. See *2.1 Installing on a Network*.

4.7 Convex Corner Box Mount



Required accessories:

- GV-Mount203
- GV-Mount300
- GV-Mount903

The user needs to prepare:

- Screws for wall x 8
- Corrugated tube x 1 (3/4'', ø 26.0 ~ 26.5 mm)

1. Assemble the camera with the dome housing. See *4.1 Assembling the Fisheye Camera with the Dome Housing*.
2. Assemble the mounting plates (GV-Mount300, No. 1), slide in the plain washer (GV-Mount300, No. 4), then the split washer (GV-Mount300, No. 5), and secure them with the screw cap (GV-Mount300, No. 6).

3. Secure the junction box (GV-Mount203, No. 1) to the mounting plates from the backside using the 25 mm M8 screw (GV-Mount300, No. 3), plain washer (GV-Mount300, No. 4), and split washer (GV-Mount300, No. 5).

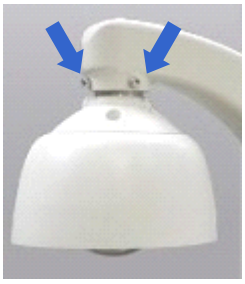
Back View

4. Secure the mounting plates to the wall with 8 self-prepared screws. Face the conduit exit downward.
5. Assemble the corrugated tube connector (GV-Mount203, No. 4) with the self-prepared corrugated tube.
   A. Dismantle the supplied corrugated tube connector. You should have 4 parts.

   B. Slide part A and part B to the self-prepared corrugated tube.

   C. Screw part C to the tube.
   D. Thread the necessary wires and cables from the wall or the ceiling through the corrugated tube, plug the tube to the box and secure with part D.

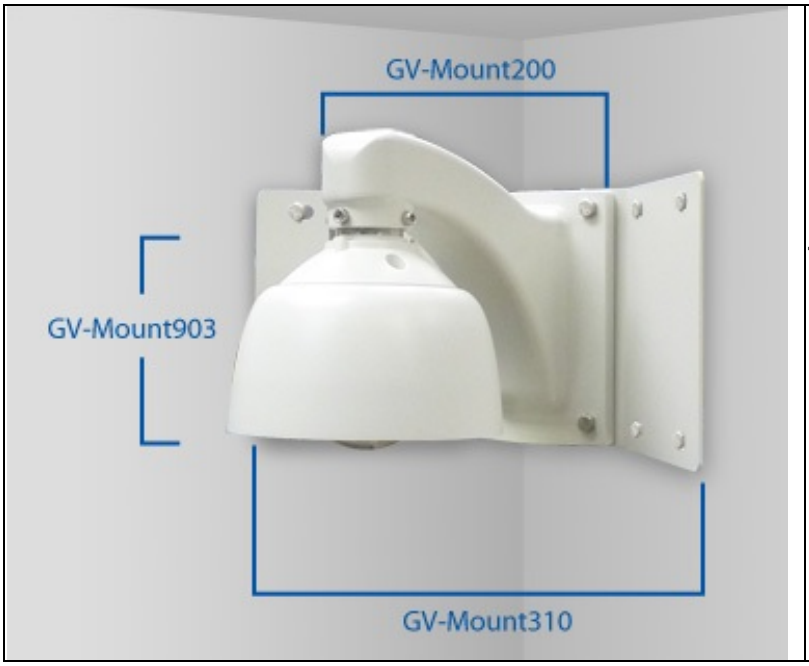
6. Thread the camera cable through the wall pendant tube (GV-Mount203, No. 2), and assemble the dome housing and the tube with M6 screws (GV-Mount903, No. 4).



7. Hinge and hook the pendant tube to the junction box.

8. Connect the network, power and other cables to the camera. See *1.8 Connecting the Data Cable*, *GV-Fisheye IP Camera H.264 User's Manual* on the software CD.
9. Conceal the box with M5 screws (GV-Mount203, No. 3) using the torx wrench (GV-Mount203, No. 5).
10. Access the live view. See *2.1 Installing on a Network*, *GV-Fisheye IP Camera H.264 User's Manual* on the software CD.

4.8 Concave Corner Mount



Required accessories:

- GV-Mount200
- GV-Mount310
- GV-Mount903

The user needs to prepare:

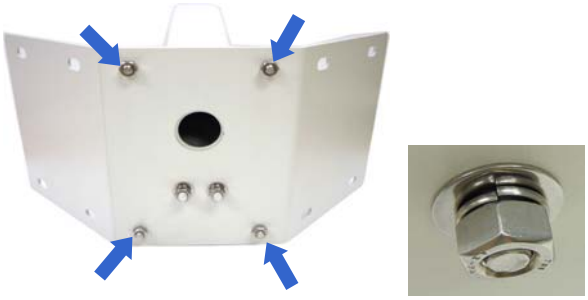
- Screws for wall x 8

1. Assemble the camera with the dome housing. See *4.1 Assembling the Fisheye Camera with the Dome Housing*.
2. Assemble the mounting plates (GV-Mount310, No. 1), slide in the plain washer (GV-Mount310, No. 3), then the split washer (GV-Mount310, No. 4), and secure them with the screw cap (GV-Mount310, No. 5).

3. Thread the camera cable through the wall pendant tube (GV-Mount200, No. 1), and secure the dome housing to the tube with M6 screws (GV-Mount903, No. 4).

4. Thread the camera cable and secure the pendant tube to the plates. Slide the 30 mm M8 screws (GV-Mount903, No. 2) from the front and secure from the backside using plain washer (GV-Mount903, No. 3), split washer (GV-Mount903, No. 4) and secure with M8 screw cap (GV-Mount903, No. 5).

Front View



Back View

5. Secure the plates to the wall with 8 self-prepared screws.
6. Refer to the indicated sections of the ***GV-Fisheye IP Camera H.264 User's Manual*** on the software CD to:
   A. Connect the network, power and other cables to the camera. See *1.8 Connecting the Data Cable*.
   B. Access live view. See *2.1 Installing on a Network*.

4.9 Pole Mount

Required accessories:

- GV-Mount200
- GV-Mount400 or GV-Mount410
- GV-Mount903

1. Assemble the camera with the dome housing. See *4.1 Assembling the Fisheye Camera with the Dome Housing*.
2. Secure the mounting bracket (GV-Mount400 / GV-Mount410, No. 1) to the pole using 3 steel straps (GV-Mount400 / GV-Mount410, No. 2). Rotate the screw on the strap to adjust its size.

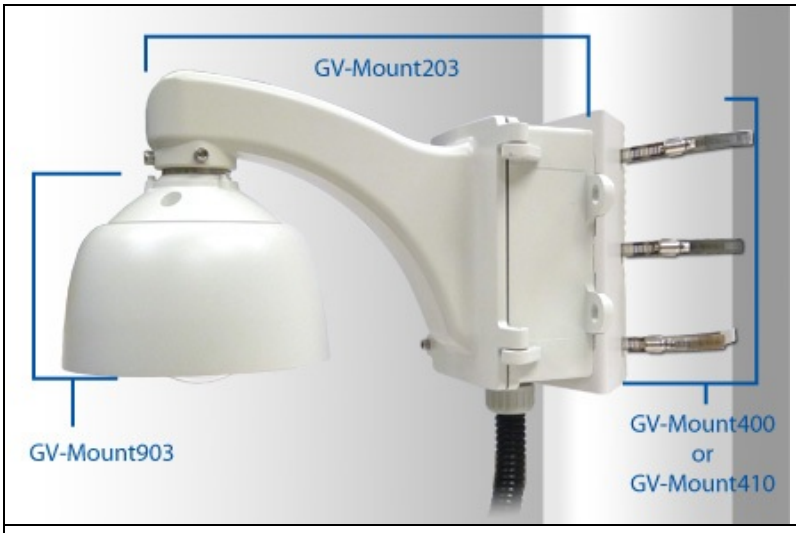
3. Thread the camera cable through the pendant tube (GV-Mount200, No. 1) and secure the dome with M6 screws (GV-Mount903, No. 4).

4. Thread the camera cable through the mounting bracket and secure the pendant tube to the bracket. Slide the 30 mm M8 screws (GV-Mount400 / GV-Mount410, No. 3) from the front and secure from the backside using plain washer (GV-Mount400 / GV-Mount410, No. 5), split washer (GV-Mount400 / GV-Mount410, No. 6) and screw cap (GV-Mount400 / GV-Mount410, No. 7).

Backside View

5. Connect the network, power and other cables to the camera. See *1.8 Connecting the Data Cable*, *GV-Fisheye IP Camera H.264 User's Manual* on the software CD.
6. Refer to the indicated sections of the ***GV-Fisheye IP Camera H.264 User's Manual*** on the software CD to:
   A. Connect the network, power and other cables to the camera. See *1.8 Connecting the Data Cable*.
   B. Access live view. See *2.1 Installing on a Network*.

4.10 Pole Box Mount



Required accessories:

- GV-Mount203
- GV-Mount400 or GV-Mount410
- GV-Mount903

Required accessories:

- Corrugated tube x 1 (3/4'', ø 26.0 ~ 26.5 mm)

1. Assemble the camera with the dome housing. See *4.1 Assembling the Fisheye Camera with the Dome Housing*.
2. Secure the junction box (GV-Mount203, No. 1) to the mounting bracket (GV-Mount400 / GV-Mount410, No. 1) from the backside using 25 mm M8 screws (GV-Mount400 / GV-Mount410, No. 4), plain washer (GV-Mount400 / GV-Mount410, No. 5) and split washers (GV-Mount400 / GV-Mount410, No. 6).

Backside View

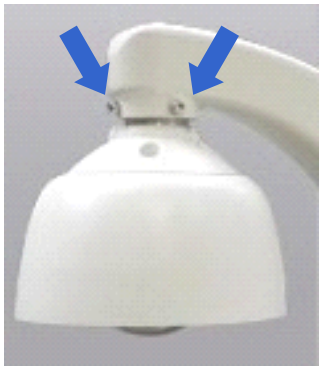
3. Secure the mounting bracket to the pole using 3 steel straps (GV-Mount400 / GV-Mount410, No. 2). Rotate the screw on the strap to adjust its size. Face the conduit exit downward.

4. Assemble the corrugated tube connector (GV-Mount203, No. 4) with the self-prepared corrugated tube.
   A. Dismantle the supplied corrugated tube connector. You should have 4 parts.

   B. Slide part A and part B to the self-prepared corrugated tube.

   C. Screw part C to the tube.
   D. Thread the necessary wires and cables through the corrugated tube, plug the tube to the box and secure with part D.

5. Thread the camera cable through the pendant tube (GV-Mount203, No. 2) and secure them with M6 screws (GV-Mount903, No. 4).



6. Hinge and hook the pendant tube to the junction box.

7. Connect the network, power and other cables to the camera. See *1.8 Connecting the Data Cable*, *GV-Fisheye IP Camera H.264 User's Manual* on the software CD.
8. Conceal the junction box with M5 screws (GV-Mount203, No. 3) using the torx wrench (GV-Mount203, No. 5).
9. Refer to the indicated sections of the ***GV-Fisheye IP Camera H.264 User's Manual*** on the software CD to:
   A. Connect the network, power and other cables to the camera. See *1.8 Connecting the Data Cable*.
   B. Access live view. See *2.1 Installing on a Network*.